

Golden Jubilee National Hospital

Medicine Formulary



GJNH Medicine Formulary

Comments on formulary welcomed, in the first instance contact either:

Orthopaedics and General Surgery

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Or

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Notes

- Where appropriate patients will be continued on the medicines prescribed prior to hospital admission, **however generic substitution will be made.**
- This formulary is intended to list the medicines that can be **newly prescribed** while the patient is attending GJNH.
- Oral liquids / soluble tablets will be made available for patients with swallowing difficulties if appropriate

Key

- (G) – Medicines for general prescribing
- (CC) – Medicines which can only be prescribed by a specialist in critical care or theatre
- (M) – Antimicrobial medicine which can only be prescribed after consultation with a medical microbiologist
- (S) – Specialist medicine which can only be prescribed by a specialist in particular discipline
- {R} – Resuscitation medicine

1 Gastro-intestinal System

1.1.1 Antacids

Co-magaldrox suspension (G)

1.1.2 Compound alginates and compound indigestion preparations

Peptac® mixture(G)

1.2 Antispasmodics and other drugs altering gut motility

Peppermint Oil Capsules (G)

1.3 Antisecretory drugs and mucosal protectants

1.3.1 H₂-receptor antagonists

Ranitidine

tablets 150mg (G)

injection 50mg (G)

Note:

- See pre-med protocol
- See ulcer prophylaxis protocol

1.3.5 Proton pump inhibitors

Omeprazole

Capsules 10mg, 20mg (G)

Injection 40mg (CC)

Notes

- See ulcer prophylaxis guidelines
- See management of Gastro-intestinal bleeding guidelines
- See H. pylori treatment guidelines

1.4 Acute diarrhoea

Loperamide

Tablets 2mg (G)

1.6 Laxatives

1.6.1 Bulk-forming laxatives

Ispaghula Husk Sahets (G)

1.6.2 Stimulant laxatives

Senna Tablets 7.5mg (G)

Glycerol suppositories 4g (G)

1.6.3 Osmotic Laxatives

Lactulose solution (G)

Or second line

Phosphate enema (G)

Microlax micro-enema (G)

1.6.4 Osmotic Laxatives

Macrogol Oral Powder, Compound (G)
Laxido®

1.6.5 Bowel cleansing agents

Klean-prep® (S)
Or second line
Picolax® (S)

1.7 Local preparations for anal and rectal disorders

1.7.1 Soothing haemorrhoidal preparations

Anusol® (G)

1.7.2 Compound haemorrhoidal preparations with corticosteroids

Proctosedyl® (S)

1.7.4 Management of anal fissures

Diltiazem 2% Rectal Cream (S)

Note: Pharmaceutical special

2 Cardiovascular system

2.1 Positive inotropic drugs

2.1.1 Cardiac glycosides

Digoxin

Tablets 62.5, 125, 250 microgram (G)

Injection 250 microgram (CC)

2.1.2 Phosphodiesterase inhibitors

Milrinone injection (CC)

2.2 Diuretics

2.2.1 Thiazides and related diuretics

Bendroflumethiazide tablets 2.5mg, 5mg (G)

Metolazide tablets 5mg (S)

2.2.2 Loop diuretics

Furosemide

Tablets 20mg, 40mg (G)

Injection 20mg (G)

Tablets 250mg (S)

Injection 50mg, 250mg (CC)

2.2.3 Potassium-sparing diuretics and aldosterone antagonists

Amiloride Hydrochloride 5mg (S)

Spironolactone tablets 25mg, 100mg (S)

2.2.4 Potassium-sparing diuretics with other diuretics

Co-amilofruse 2.5/20 and 5/40 (S)

2.3 Anti-arrhythmic drugs

Adenosine

Injection (CC)[R]

Infusion (S)

Note

- Adenosine infusion is a pharmaceutical special. Only to be used under consultants authority for diagnostic testing

Amiodorone Hydrochloride

Injection 150mg (CC)

Injection 300mg {R}

Tablets 200mg (G)

Dronedarone (S)
NB Only to be used in patients intolerant to amiodorone

Flecainide Acetate (S)

Propafenone Hydrochloride (S)

Lidocaine (S){R}

2.4 Beta-adrenoceptor blocking drugs

Atenolol
Tablets 25mg, 50mg, 100mg (G)
Injection (CC)(S)

Bisoprolol Fumarate Tablets (S)

Carvedilol tablets (S)

Esmolol Hydrochloride injection (CC)

Metoprolol tablets

Sotalol Hydrochloride tablets (S)

2.5 Hypertension and heart failure

2.5.1 Vasodilator antihypertensive drugs

Sodium Nitropruside injection (CC)

Sildenafil (S)

Nitric Oxide (CC)

2.5.2 Centrally acting antihypertensive drugs

Clonidine Hydrochloride
Injection 150 microgram (S)
Tablets 100 microgram (S)

Note:

- Adjuvant to perioperative care

2.5.3 Adrenergic neurone blocking drugs

Guanethidine Monosulphate injection (CC)

2.5.4 Alpha-adrenoceptor blocking drugs

Doxazocin (S)

Phentolamine mesilate injection 10mg/ml (S)

2.5.5 Drugs affecting the renin-angiotensin system

2.5.5.1 Angiotensin-converting enzyme inhibitors

Ramipril tablets 2.5mg; 5mg; 10mg (G)

2.5.5.2 Angiotensin-II receptor antagonists

Candesartan (S)

2.6 Nitrates, calcium-channel blockers, and other antianginal drugs

2.6.1 Nitrates

Glyceryl Trinitrate

Spray 300microgram / puff (G)

Injection 50mg (CC)

Isosorbide Mononitrate tablets 10mg, 20mg (S)

2.6.2 Calcium-channel blockers

Amlodipine tablets 5mg; 10mg (G)

Diltiazem tablets 60mg (S)

Verapamil

Tablets 40mg (S)

Injection 5mg (S) {R}

2.6.3 Other antianginal drugs

Nicorandil 10mg; 20mg (S)

Ivabradine tablets 5mg; 7.5mg (S)

2.7 Sympathomimetics

2.7.1 Inotropic sympathomimetics

Dobutamine 250mg injection (CC)

Dopamine 200mg injection (CC)

Isoprenaline injection (CC){R}

Note:

- Isoprenaline injection is a pharmaceutical special and can only be used under consultant authority

2.7.2 Vasoconstrictor sympathomimetics

Ephedrine Hydrochloride 30mg inj (G)

Ephedrine 15mg Tablets (G)

Note

See epidural anesthesia guidelines

Metaraminol injection 10mg (CC)

Note

- Metaraminol injection is a pharmaceutical special and can only be used under consultant authority

Noradrenaline Acid Tartrate 4mg injection (CC){R}

Phenylephrine hydrochloride injection 10mg (CC)

2.7.3 Cardiopulmonary Resuscitation

Adrenaline / Epinephrine

2.8 Anticoagulants and protamine

2.8.1 Parenteral anticoagulants

heparin sodium (S)

Dalteparin sodium or Enoxaparin sodium (G)

Note

See thromboprophylaxis guidelines

See pulmonary embolism guidelines

Lepirudin 50mg injection (S)

Danaparoid sodium injection 750 units (S)

2.8.2 Oral anticoagulants

Warfarin sodium tablets 1mg; 3mg; 5mg (G)

Note

- See Warfarin chart and dosage guidelines
- DTC agreed not to accept 0.5mg tablet onto formulary due to possible confusion with 5mg strength

2.8.3 Protamine sulphate

Protamine sulphate 50mg injection (CC)

2.9 Antiplatelet drugs

Aspirin dispesible tablets 75mg (G)
Or second line
Aspirin EC tablets 75mg (G)

Note:

- No evidence that EC tablets cause less gi irritation.

Clopidogrel (as hydrogen sulphate) tablets 75mg (S)

Tirofiban (as hydrochloride) 12.5mg (S)
or second line
Abciximab 10mg injection 10mg

Note:

- See Tirofiban infusion guideline for administration details

2.10 Myocardial infarction and fibrinolysis

Tenecteplase 40mg / 50mg (CC)(S)

2.11 Antifibrinolytic drugs and haemostatics

Aprotinin 500,000 unit injection (CC)

Tranexamic acid
Tablets 500mg (S)
Injection 500mg (CC)

Drotrecogin alfa (CC)

2.12 Lipid-regulating drugs

Simvastatin tablets ~~10mg~~; 20mg; 40mg; ~~80mg~~ (G)
Or second line
Atorvastatin tablets 10mg; 20mg; 40mg; 80mg (G)

Pravastatin tablets (S)

Ezetimibe tablets 10 mg (S)

2.13 Local sclerosants

Ethanolamine oleate 5% (CC)

3 Respiratory system

3.1 Bronchodilators

3.1.1 Bronchodilators

Salbutamol

Inhaler 100microgram/puff (G)

Nebuliser solution 2.5mg; 5mg (CC)

Injection 500 microgram (CC)

3.1.2 Antimuscarinic bronchodilators

Ipratropium Bromide

Nebuliser solution 250 microgram (CC)

3.1.3 Theophylline

Aminophylline 250mg injection (CC)

3.2 Corticosteroids

Budesonide nebuliser solution 500 micrograms; 1mg (CC)

3.4 Antihistamines, hyposensitisation, and allergic emergencies

3.4.1 Antihistamines

Chlorphenamine maleate

tablets 4mg (G)

Injection 10mg (G)

3.5 Respiratory stimulants and pulmonary surfactants

3.5.1 Respiratory stimulants

Doxapram hydrochloride 100mg (CC)

3.9 Cough preparations

3.9.1 Cough suppressants

Pholcodine Linctus, BP 5mg/5ml (G)

4 Central nervous system

4.1 Hypnotics and anxiolytics

4.1.1 Hypnotics

Temazepam tablets 10mg; 20mg (G)

Note

See pre-op medication guidelines

4.1.2 Anxiolytics

Diazepam

Tablets 2mg; 5mg; 10mg (G)

Injection 10mg (G)

Note

- See Alcohol withdrawal guidelines

4.2 Drugs used in psychoses and related disorders

Haloperidol injection 5mg (CC)

Olanzapine tablets 2.5mg; 5mg (CC)

4.3 Antidepressant drugs

4.3.3 Selective serotonin re-uptake inhibitors

Fluoxetine (as hydrochloride) capsules 20 mg (S)

Note

- Initiation of antidepressant treatment may occasionally be required for long-term patients?

4.6 Drugs used in nausea and vertigo

Note

- See Post Operative Nausea and Vomiting Guidelines

Prochlorperazine maleate buccal tablets 3 mg (G)

Ondansetron (as hydrochloride) injection 4 mg (G)

Metoclopramide hydrochloride tablets 10 mg (G)

Note

- See Pre-op medication guidance
- Metoclopramide is of limited use as an anti-emetic and indicated only where nausea related to gastro-intestinal disease, it is not suitable for PONV.

4.7 Analgesics

Note

- See Acute Pain Service guidelines

4.7.1 Non-opioid analgesics

Paracetamol tablets 500mg (G)

Or second line

Co-codamol 8/500 tablets (G)

Co-codamol 30/500 tablets (G)

4.7.2 Opioid analgesics

Tramadol hydrochloride capsules 50mg (G)

Dihydrocodeine tablets 30mg (G)

Note: Tramadol is first line opioid step down medication

Oxycodone hydrochloride

Tablets (normal release) 5 mg; 10mg (G)

Tablets (modified release) 5mg; 10mg (G)

Morphine sulphate injection 10mg (G)

Note

- DTC agreed that only 10mg injection will be supplied to wards and departments

Pethidine hydrochloride injection 50 mg (G)

Fentanyl patches, '12' ; '25'; '50'; '100' (S)

4.7.3 Neuropathic pain

Gabapentin capsules 300mg (S)

Amitriptyline tablets 10mg; 25mg (S)

Note

- Both Gabapentin and amitriptyline are unlicensed for neuropathic pain
- See Acute Pain Service guidelines for use of gabapentin

5 Infections (See Antimicrobial Guidelines)

5.1 Antibacterial drugs

5.1.1 Penicillins

5.1.1.1 Benzylpenicillin and phenoxymethylpenicillin

Benzylpenicillin sodium injection 600mg (G)

Phenoxymethylpenicillin tablets 250mg (G)

5.1.1.2 Penicillinase-resistant penicillins

Flucloxacillin (as sodium salt)

Capsules 500mg (G)

Injection 500mg; 1g (G)

5.1.1.3 Broad-spectrum penicillins

Amoxicillin capsules 500mg (G)

Co-amoxiclav (amoxicillin as trihydrate, clavulanic acid as potassium salt)

Tablets 125/300; 124/500 (G)

Injection 200/1000 (G)

5.1.1.4 Antipseudomonal penicillins

Piperacillin 4g (as sodium salt), tazobactam 500mg (as sodium salt) (M)

5.1.2 Cephalosporins and other beta-lactams

Cefuroxime (as sodium salt) injection 250mg

Note

- Ophthalmology only

Ceftriaxone (as sodium salt) injection 1g; 2g (G)

Meropenem (as trihydrate) injection 500mg; 1g (CC)(M)

5.1.3 Tetracyclines

Tetracycline hydrochloride tablets 250 mg (G)

Note

- See H.pylori eradication guideline (for use where patient penicillin allergic)

5.1.4 Aminoglycosides

Gentamicin (as sulphate) injection (G)

Notes

- See orthopaedic bladder catheterisation guidelines
- See single daily dose gentamicin guidelines.

Amikacin (as sulphate) injection 500mg (M)

Tobramycin powder(S)

For addition to bone cement under specialist advice only

5.1.5 Macrolides

Clarithromycin

tablets 500 mg (G)

injection 500mg (G)

Notes

- See H.pylori eradication guidelines

Erythromycin

Tablets e/c, 250 mg (G)

Injection 1g (see note below) (CC)

Note

- Erythromycin causes frequent GI disturbances consider switching to clarithromycin if these occur
- Erythromycin injection is only indicated as a g.i. prokinetic agent. For antimicrobial therapy use clarithromycin

5.1.6 Clindamycin

Clindamycin (as phosphate) injection 300mg; 600mg (M)

Clindamycin (as hydrochloride) capsules 150mg (M)

5.1.7 Some other antibacterials

Sodium fusidate

Sodium fusidate injection 500 mg (= fusidic acid 480 mg) (M)

Sodium fusidate tablets 250 mg (M)

Vancomycin and teicoplanin

Vancomycin (as hydrochloride) injection 500mg; 1g (G)

or second line

Teicoplanin injection 200mg; 400mg (G)

Note

- See MRSA prophylaxis guidelines for orthopaedic and cardiac patients

Linezolid

Linezolid tablets 600 mg (M)

5.1.8 Sulphonamides and trimethoprim

Trimethoprim tablets 200 mg (G)

5.1.9 Antituberculosis drugs

Rifampicin
Rifampicin capsules 300 mg (M)
Rifampicin injection 600mg (M)

5.1.11 Metronidazole and tinidazole

Metronidazole tablets 400mg (G)
Metronidazole injection 500mg (G)

Notes

- See H>pylori eradication guideline

5.1.12 Quinolones

Ciprofloxacin
Ciprofloxacin (as hydrochloride) tablets 500mg; 750mg (G)
Ciprofloxacin (as lactate) injection 200mg; 400mg (G - M)

5.2 Antifungal drugs

Oral Thrush (see section 12.3.2)

Systemic antifungals

Fluconazole
Tablets 50mg; 150mg (G)
Intravenous infusion 200mg (CC)

Voriconazole
voriconazole intravenous infusion, 200mg (M)

Amphotericin
amphotericin intravenous infusion 50mg (S)

5.3 Antiviral drugs

5.3.2 Herpesvirus infections

5.3.2.1 Herpes simplex and varicella–zoster infection

Aciclovir

Aciclovir tablets 200mg; 400mg

Aciclovir intravenous infusion 250mg; 500mg (S)

Valaciclovir

Valaciclovir (as hydrochloride) tablets 250mg; 500mg (S)

Note

- See post cardiac transplant guidelines

5.3.2.2 Cytomegalovirus infection

Ganciclovir

Ganciclovir (as sodium salt). Intravenous infusion 500mg (S)

Note

- See post cardiac transplant guidelines

6 Endocrine system

6.1 Drugs used in diabetes

6.1.1 Insulins

6.1.1.1 Short-acting insulins

Soluble insulin
Actrapid® 100 units /ml

Note

- See sliding scale insulin guidelines

6.2 Thyroid and antithyroid drugs

Liothyronine injection 20microgram (CC)

6.3 Corticosteroids

6.3.2 Glucocorticoid therapy

Prednisolone
Prednisolone tablets 1mg; 5mg (G)

Hydrocortisone
hydrocortisone (as sodium succinate) injection 100mg (G){R}

Note

- Hydrocortisone sodium phosphate no longer recommended for treatment of anaphylaxis.

Methylprednisolone
Methylprednisolone (as sodium succinate) injection 40mg; 125mg;
500mg; 1g (S)(CC)

Note

- See post cardiac transplant guidelines

7 Obstetrics, gynaecology, and urinary-tract disorders

7.1 Drugs used in obstetrics

7.1.1 Prostaglandins and oxytocics

Oxytocin

Oxytocin Injection, 10 units/ml (S)

With ergometrine

Syntometrine® (S)

Ergometrine maleate Injection 500 micrograms, oxytocin 5 units/mL

7.2 Treatment of vaginal and vulval conditions

7.2.2 Vaginal and vulval infections

Fungal infections

Clotrimazole

Clotrimazole cream 1% (G)

Clotrimazole pessary 500 mg (G)

Note

- Fluconazole tablets available (section 5.2)

8 Malignant disease and immunosuppression

8.2 Drugs affecting the immune response

8.2.1 Antiproliferative immunosuppressants

Mycophenolic acid

8.2.2 Corticosteroids and other immunosuppressants

Ciclosporin

Note

- See also corticosteroids (section 6.3.2)

9 Nutrition and blood

9.1 Anaemias and some other blood disorders

9.1.1 Iron-deficiency anaemias

9.1.1.1 Oral iron

Ferrous Sulphate tablets 200mg (G)
Or second line
ferrous fumarate syrup 140mg/5ml (G)

9.1.2 Drugs used in megaloblastic anaemias

Folic Acid tablets 5mg

9.2 Fluids and electrolytes

9.2.1 Oral preparations for fluid and electrolyte imbalance

9.2.1.1 Oral potassium

Sando-K®(12 mmol of K⁺) tablets (G)
Or second line
Slow-K®(8 mmol each of K⁺ and Cl⁻) (G)

Potassium removal
Calcium Resonium®(G)

Note

- Ion-exchange resins may be used to remove excess potassium in *mild hyperkalaemia* or in ***moderate hyperkalaemia*** when there are no ECG changes.

9.2.2.1 Electrolytes and water

List Preparations

9.2.2.2 Plasma and plasma substitutes

Plasma substitutes

Gelatin
Gelofusine® infusion 500ml; 1000ml (G)

9.4 Oral nutrition

Note

- For advice on oral feeds and special diet and contact clinical nutrition department

9.5.1 Calcium and magnesium

9.5.1.1 Calcium supplements

Sandocal®(Ca²⁺ 10 mmol) 400 tablets (G)

Parenteral preparations

Calcium chloride (as calcium chloride dihydrate 10%) (CC){R}

9.5.1.3 Magnesium

Magnesium Sulphate

Magnesium Sulphate injection 50% (G)

9.5.2.1 Phosphate supplements

Oral Phosphate

Phosphate-Sandoz®(phosphate 16.1mmol) tablets (G – S?)

Intravenous Phosphate

Sodium Glycerophosphate Glycophos® 2mmol/ml P

Note

- In severe hypophosphataemia glycophos may be administered in a suitable diluent (unlicensed indication)

9.6 Vitamins

9.6.2 Vitamin B group

Vitamin B Tablets, Compound, Strong (G)

Or second line

Vigranon B® syrup (G)

Pabrinex injection

9.6.3 Vitamin C

Ascorbic Acid

Ascorbic Acid effervescent 1g (G)

9.6.6 Vitamin K

phytomenadione 2 mg injection (G)

9.6.7 Multivitamin preparations

Forceval® capsules

10 Musculoskeletal and joint diseases

10.1 Drugs used in rheumatic diseases and gout

10.1.1 Non-steroidal anti-inflammatory drugs

Ibuprofen
Ibuprofen tablets 200mg, 400mg (G)

Diclofenac Sodium
Diclofenac Sodium tablets 25mg; 50mg (G)
Diclofenac Sodium suppositories 50mg; 100mg (G)
Diclofenac Sodium injection 25mg; 75mg (CC)

Meloxicam
Meloxicam tablets 7.5mg; 15mg (G)

10.3 Drugs for the relief of soft-tissue inflammation

10.3.1 Enzymes

Hyaluronidase
Hyaluronidase injection 1500units (CC)

10.3.2 Rubefaciants and other topical antirheumatics

Topical NSAIDs and counter-irritants
Diclofenac diethylammonium salt 1.16% (equivalent to diclofenac sodium 1%).

Note

- Topical NSAID should only be used where oral therapy is appropriate

11 Eye

11.3 Anti-infective eye preparations

11.3.1 Antibacterials

Ofloxacin
Ofloxacin 0.3% eye drops (S)

Chloramphenicol
Chloramphenicol 0.5% eye drops (G)
Chloramphenicol 0.5% eye drops minims (S)
Chloramphenicol 1% eye ointment (G)

11.3.3 Antivirals

Aciclovir
Aciclovir 3% eye ointment (G)

11.4 Corticosteroids and other anti-inflammatory preparations

11.4.1 Corticosteroids

Prednisolone
Prednisolone acetate 1% eye drops (G)
Prednisolone acetate 1% eye drops minims (S)

Dexamethasone
Dexamethasone 0.1% eye drops (S)
Dexamethasone sodium phosphate 0.1% minims (S)
Maxitrol®(with antimicrobials) (S)

Betamethasone
Betamethasone sodium phosphate 0.1% eye drops (S)
Betnesol-N®(with Neomycin) eye drops (S)

11.5 Mydriatics and cycloplegics

Antimuscarinics

Atropine
Atropine Sulphate Minims® 1% (S)

Cyclopentolate
Cyclopentolate Hydrochloride Minims® 0.5%; 1% (S)

Tropicamide
Tropicamide Minims® 0.5%; 1% (S)

Sympathomimetics

Phenylephrine
Phenylephrine Hydrochloride Minims® 2.5%; 10% (S)

11.6 Treatment of glaucoma

Beta-blockers

Timolol
Timolol (as maleate) Eye drops 0.25%; 0.5%
Azgara® Timolol with brinzolamide

Prostaglandin analogues

Latanoprost 50 microgram/ml

Carbonic anhydrase inhibitors and systemic drugs

Acetazolamide
acetazolamide tablets 250 mg (S)
acetazolamide m/r capsules 250 mg (S)

Miotics

Pilocarpine
Pilocarpine Nitrate Minims® 2%; 4% (S)

11.7 Local anaesthetics

Oxybuprocaine
Minims® Oxybuprocaine Hydrochloride 0.4% (S)

Proxymetacaine
Proxymetacaine Minims® 0.5% (S)
Proxymetacaine and Fluorescein Minims® (S)

11.8 Miscellaneous ophthalmic preparations

11.8.1 Tear deficiency, ocular lubricants, and astringents

Hypromellose
Hypromellose Eye drops 0.3% (G)
Minims hypromellose (as preservative free)
liquid paraffin
Lacri-Lube® (G)

11.8.2 Ocular diagnostic and peri-operative preparations and photodynamic treatment

Ocular diagnostic preparations

Fluorescein
Fluorescein Sodium Minims® 1%; 2%

Ocular peri-operative drugs

Acetylcholine

Acetylcholine chloride Intra-ocular irrigation 10 mg/mL (1%)

Flurbiprofen

Flurbiprofen sodium eye drops 0.03%

Ketorolac

Ketorolac trometamol Eye drops 0.5%

Other ophthalmic preparations

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