

# Core Drugs

## Chapter 10 Ocular pharmacology

Mydriatics and cycloplegics – tropicamide, cyclopentolate. Glaucoma – latanoprost, timolol. Age-related macular degeneration (AMD) – verteporfin, ranibizumab.

## Chapter 11 Asthma, hay fever and anaphylaxis

Asthma – salbutamol, beclometasone, prednisolone, ipratropium. Antihistamines – fexofenadine, cetirizine, chlorphenamine. Anaphylaxis – epinephrine, oxygen, chlorphenamine, hydrocortisone.

## Chapters 12 & 13 Gastrointestinal tract

Peptic ulcer, reflux oesophagitis – ranitidine, omeprazole, misoprostol. Diarrhoea – loperamide, codeine. Inflammatory bowel disease – prednisolone sulfasalazine. Constipation – senna, lactulose. Antispasmodics – mebeverine.

## Chapters 15–20 Cardiovascular system

Hypertension – thiazide diuretics e.g. bendroflumethiazide. ACE inhibitors e.g. enalapril. ARBs e.g. losartan. Calcium antagonists e.g. amlodipine. Angina – glyceryl trinitrate, isosorbide mononitrate.  $\beta$ -Blockers e.g. bisoprolol. Calcium antagonists e.g. amlodipine. Arrhythmias – adenosine, verapamil, digoxin, amiodarone. Chronic heart failure – ACE inhibitors e.g. ramipril. ARBs e.g. losartan.  $\beta$ -Blockers e.g. carvedilol. Aldosterone antagonists e.g. spironolactone. Digoxin. Loop diuretics e.g. furosemide. Anticoagulants – heparin, dalteparin, warfarin, dabigatran. Antiplatelet drugs – aspirin, clopidogrel, tirofiban, prasugrel. Thrombolytics – alteplase. Lipid-lowering drugs – statins e.g. simvastatin, atorvastatin.

## Chapters 5, 6 & 23–32 Nervous system

Local anaesthetics – lidocaine, bupivacaine. General anaesthetics – Intravenous e.g. propofol. Inhalational e.g. isoflurane, sevoflurane. Neuromuscular-blocking drugs – suxamethonium, rocuronium. Premedication – e.g. diazepam, hyoscine, morphine. Anxiolytics – diazepam. Hypnotics – temazepam, zopiclone. Anticonvulsants – carbamazepine, valproate, lamotrigine, ethosuximide. Parkinson's disease – levodopa, ropinirole, selegiline. Antipsychotics – chlorpromazine, clozapine, risperidone. Antidepressants – SSRIs e.g. citalopram, tricyclics e.g. amitriptyline. Lithium. Opioid analgesics – morphine, diamorphine, fentanyl. NSAIDs – aspirin, ibuprofen, diclofenac, celecoxib.

Antiemetics – dopamine antagonists e.g. domperidone. Antihistamines e.g. cyclizine, cinnarizine. 5HT<sub>3</sub> antagonists e.g. ondansetron. Dependence – Depressants e.g. alcohol, barbiturates, morphine, diamorphine (heroin). Stimulants e.g. cocaine, amphetamine. Nicotine. Cannabis. LSD.

## Chapters 33–36 Endocrine system

Corticosteroids – prednisolone, dexamethasone, (bisphosphonates). Sex hormones and drugs – Progestogens e.g. desogestrel. Oestrogens e.g. ethinylestradiol. Antithyroid drugs – carbimazole. Antidiabetic drugs – insulin, metformin, sulphonylureas e.g. gliclazide. Glitazones e.g. pioglitazone. Incretins e.g. exenatide.

## Chapters 37–43 Infectious disease

Antibacterial drugs – trimethoprim. Quinolones e.g. ciprofloxacin. Metronidazole – rifampicin. Penicillins e.g. benzylpenicillin, amoxicillin, flucloxacillin. Cephalosporins e.g. cefalexin. Vancomycin. Aminoglycosides e.g. gentamycin. Macrolides e.g. erythromycin. Tetracycline. Streptogramins e.g. quinupristin/dalfopristin. Antifungal drugs e.g. amphotericin, econazole, fluconazole. Antiviral drugs e.g. aciclovir. Antiretroviral drugs e.g. emtricitabine, efavirenz, saquinavir, dolutegravir. Anthelmintics e.g. mebendazole, ivermectin, praziquantel. Antimalarial drugs e.g. primaquine, chloroquine, atovaquone, artemisinin.

## Chapter 44 Drugs used in cancer

Alkylating agents e.g. cyclophosphamide. Antibiotics e.g. doxorubicin. Antimetabolites e.g. methotrexate. Paclitaxel. Monoclonal antibodies e.g. trastuzumab. Steroid hormones and antagonists e.g. prednisolone. Anti-oestrogens e.g. tamoxifen.

## Chapter 45 Immunosuppressants and antirheumatoid drugs

Immunosuppressants – prednisolone. Calcineurin inhibitors e.g. ciclosporin. Monoclonal antibodies e.g. basiliximab. Tumor necrosis factor alpha (TNF- $\alpha$ ) inhibitors e.g. infliximab. Antiproliferative drugs e.g. azathioprine. Rheumatoid arthritis (AR) – NSAID drugs. Disease-modifying AR drugs (DMARDs) e.g. methotrexate. Anti-TNF-agents e.g. infliximab.

## Chapter 46 Poisoning

Acetylcysteine, naloxone, desferrioxamine.