

NMAA Exam Content Outline

APPENDIX B- Drug Classifications

I. Autonomic nervous system drugs

Cholinergic (parasympathetic) drugs

Ex. Acetylcholine, bethanecol, neostigmine, guanidine

Cholinergic blocking drugs

Ex. Atropine, scopolamine

Adrenergic drugs (catecholamines, noncatecholamines)

Catecholamines

Ex. Dobutamine, dopamine, Noncatecholamines

Ex. Albuterol, terbutaline

Adrenergic blocking drugs

Alpha-adrenergic blockers

Ex. Ergotamine, phentolamine

Beta-adrenergic blockers

Ex. Propanolol, labetalol

II. Neurologic and Neuromuscular drugs

Skeletal Muscle relaxants

Ex. Baclofen, diazepam, Dantrolene

Neuromuscular blocking drugs

Ex. Pancuronium, tubocurarine, succinylcholine

Antiparkinsonian drugs

Ex. Bzotropine, diphenhydramine, levodopa, carbidopa-levodopa

Anticonvulsant drugs

Ex. Phenytoin, Phenobarbital, Carbamazepine, Clonazepam, Valproic acid

Antimigraine drugs

Ex. Sumatriptan, rizatriptan, ergotamine

III. Pain medications

Nonopioid analgesics, antipyretics, and NSAIDS

Ex. Aspirin, acetaminophen, ibuprofen, naproxen

Opioid agonist and antagonist drugs

Ex. Codeine, morphine, meperidine, butorphanol, naloxone

Anesthetic drugs

Ex. Halothane, nitrous oxide, barbiturates, propofol, fentanyl, lidocaine

IV. Cardiovascular drugs

Inotropics

Ex. Digoxin

Antiarrhythmic drugs

Ex. Disopyramide, quinidine, lidocaine, flecainide, propranolol, amiodarone, sotalol, verapami

Ex. beta-blockers, calcium channel blockers, sodium channel blockers

Antianginal drugs

Ex. Nitroglycerine, atenolol, metoprolol. Propranolol, diltiazem, nifedipine

Ex. Nitrates, beta-blockers, calcium channel blockers,

Antihypertensive drugs

Ex. Clonidine, hydralazine, monoxidil, captopril, lisinopril, valsartan

Ex. beta-blockers, calcium channel blockers, diuretics, ACE inhibitors,

V. Hematologic drugs

Hematinic

Ex. Iron, cyanocobalamin, folic acid

Anticoagulant

Ex. Heparin, warfarin, aspirin, dipyridamole

Thrombolytic drugs

Ex. Streptokinase, Urokinase

VI. Respiratory drugs

Beta2-adrenergic agonists

Ex. Albuterol, terbutaline

Anticholinergics

Ex. Ipratropium bromide

Corticosteroids

Ex. Prednisone, Beclomethasone

Leukotriene modifiers

Ex. Montelukast

Mast Cell Stabilizers

Ex. Cromolyn sodium

Methylxanthines

Ex. Aminophylline

Expectorants

Ex. Gualifenesin

Antitussives

Ex. Codeine, dextromethorphan

Mucolytics

Ex. Acetylcysteine

Decongestants

Ex. Ephedrine, Phenylephrine

VI. Gastrointestinal drugs

Antiulcer Drugs

Ex. Systemic antibiotics, antacids, H2-receptor antagonists, cimetidine, ranitidine Proton pump inhibitors, omeprazole

Antidiarrheal and laxative drugs

Ex. Diphenoxylate with atropine, loperamide, kaolin, psyllium, docusate, bisacodyl, mineral oil

Antiemetic and emetic drugs

Ex. Chlorpromazine, ondansetron, ipecac syrup

VII. Anti-infective drugs

Antibacterial drugs

Ex. Penicillins, Aminoglycosides, Cephalosporins

Antiviral drugs

Ex. Protease inhibitors, Reverse transcriptase inhibitors

Antitubercular drugs

Ex. Isoniazid, Rifampin Antimycotic Ex. Imidazole, Amphotericin B

VIII. Anti-inflammatory, anti-allergy, and immunosuppressant drugs

Antihistamines

Ex. Diphenhydramine, hydroxyzine

Corticosteroids

Ex. Cortisone, Dexamethasone

Other immunosuppressants

Ex. Cyclosporine

Uricosurics and other gout drugs

Ex. Probenecid, sulfinpyrazone, allopurinol

IX. Psychotropic drugs

Sedative and hypnotic drugs

Ex. Benzodiazepines, Barbiturates

Antianxiety drugs

Ex. Buspirone

Antidepressant and mood stabilizer drugs

Ex. Selective serotonin reuptake inhibitors – fluoxetine, sertraline

Tricyclic antidepressants – amitriptyline, nortriptyline

Monoamine oxidase inhibitors – phenelzine, tranylcypromine

Miscellaneous – Lithium, trazadone

Antipsychotic drugs

Ex. Clozapine, olanzapine, risperidone

Stimulants

Ex. Dextroamphetamine, methylphenidate

X. Endocrine drugs

Antidiabetic drugs and glucagons

Ex. Insulin, tolbutamide, glyburide, metformin

Estrogen

Ex. Estradiol

Pituitary drugs

Ex. Corticotrophin, thyrotropin

Thyroid and Antithyroid drugs

Ex. Triiodothyronine, thyroxine, levothyroxine, propylthiouracil, methimazole

XI. Drugs for fluid and electrolyte balance

Electrolyte replacement drugs

Ex. Sodium, potassium, magnesium

Alkalinizing and acidifying drugs

Ex. Sodium bicarbonate, ammonium chloride

Diuretics

Ex: Furosemide, Hydrochlorothiazide

XII. Antineoplastic drugs

Alkylating drugs

Ex. Cyclophosphamide, carmustine, cisplatin

Antimetabolite drugs

Ex. Methotrexate, fluorouracil, fludarabine

Antibiotic antineoplastic drugs

Ex. Bleomycin, mitomycin

Hormonal antineoplastic drugs and hormone modulators

Ex. Tamoxifen, testosterone, flutamide, medroxyprogesterone

Monoclonal antibodies

Ex. Ibritumomab, Rituxan

Targeted therapies

Ex. Gefitinib

Unclassified antineoplastic

Ex. Interferon