

500 Bedded Orthopaedic Hospital Mandalay

List of Essential Medicines

(E)Essential Medicines	-	88
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(C) Complementary	-	40
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Total	-	128
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1. Anaesthetic

Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
1.1 General anaesthetic			
1.1.1 Inhalational Anaesthetics			
Volatile liquid anaesthetics			
Isoflurane	Inhalation	100ml/bot,250ml/bot	E
Sevoflurane	Inhalation	100ml/bot,250ml/bot	C
Gaseous anaesthetics			
Nitrous oxide	Inhalation		E
Oxygen (medicinal gas)			E
1.1.2 Intravenous Anaesthetics			
Ketamine (hydrochloride)	Injection	10mg/ml(20ml), 50mg/ml(10ml)	E
Propofol	Injection	1% 10mg/ml(20ml)	E
1.2 Local anaesthetic			
Bupivacaine heavy (hydrochloride)	Spinal	0.5% heavy 5mg/ml + 7.5% glucose	E
Bupivacaine plain	Nerve block, Epidural	2.5-5mg/ml(10ml), 2.5-5mg/ml(10ml)	E
Lignocaine (hydrochloride)	Spinal	5% heavy 50mg/ml + 7.5% glucose	E
	Nerve block	15-20mg/ml 1.5 to 2 %	
	Epidural block	15-20mg/ml 1.5 to 2 %	
Ephedrine (For use in spinal anaesthesia operation , to prevent hypotension)	Injection	30mg/ml	E
1.3 Pre-Operative medication and sedation			
Atropine (sulphate)	Injection	600mcg/ml	E
Diazepam	Tablet	5mg,10mg	E
	Injection	5mg/ml (2ml)	
Metochlopramide	Injection	5mg/ml (2ml)	E
Midazolam	Injection	1mg/ml (2ml)	C
Morphine	Injection,Tablet	15mg/ml,10mg	E
1.4 Muscle relaxants in operation			
Neostigmine (metilsulfate)	Injection	2.5mg/ml (1 ml)	E
Suxamethonium (chloride)	Injection	50mg/ml	E
Vecuronium(bromide)	Injection	10mg/vial	E

2. Medicines for musculoskeletal and joint disease

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Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
2.1 Non-opioid analgesics			
Aceclofenac	Tablet	100mg	E
Celecoxib	Tablet	100mg,200mg	E
Diclofenac (sodium,potassium)	Tablet Injection Suppository Gel	25mg,50mg 25mg/ml(3ml) 100mg 3%	E
Etoricoxib	Tablet	60mg,90mg,120mg	E
Ibuprofen	Tablet Suppository	200mg,400mg,600mg 250mg,500mg	E
Ketorolac	Injection/Ointment	30mg/ml (1 ml)	E
Paracetamol	Tablet Suppository Injection	500mg 250mg,500mg 1g/100 ml	E
2.2 Opioid analgesics			
Codeine phosphate	Tablet	15mg,30mg	C
Fentanyl (citrate)	Injection	50mcg/ml (2ml)	E
Morphine (sulphate)	Injection Tablet	15mg/1ml 10mg,20mg,50mg	E
Tramadol (hydrochloride)	Tablet/Capsule Injection Suppository	50mg,100mg 50mg/ml(2ml) 100mg	E
2.3 Medicines used to treat gout and hyperuricemic condition			
Allopurinol	Tablet	100mg,300mg	C
Febuxostat	Tablet	80mg,120mg	C
2.4 Medicines used for rheumatoid arthritis			
Leflunomide	Tablet	10mg, 20mg	C
2.5 Medicines used for neuropathic pain			
Gabapentin	Tablet	100mg,300mg	E
Pregabalin	Tablet	75mg,150mg	E
2.6 Medicines used for muscle relaxants			
Baclofen	PO Tablet	10mg	C
Eperisone	Tablet	50 mg	C
Methocarbamol	Tablet	500mg	C
Orphenadrine (hydrochloride)	Tablet	50mg	E
Tizanidine	Tablet	2mg	C

2. Medicines for musculoskeletal and joint disease

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Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
2.7 Medicines used for inflammation			
Dexamethasone	Tablet Injection	5mg 4mg/ml, 8 mg/2ml	C
Methylprednisolone	Tablet Injection	2mg,4mg,16mg,100mg 40mg/ml (1ml)	C
2.8 Medicine used for surface anaesthetic			
Lignocaine	Ointment	5 % 15mg	C
2.9 Medicines affecting bone metabolism			
Glucosamine (sulphate)	Tablet	500mg,750mg,1000mg	C
Alendronate (sodium)	Tablet	35mg,70mg	C
Chondroitin	Tablet	400mg	C
Diacerein	Tablet	50mg	C

3. Medicines for Central Nervous System

Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
3.1 Anxiolytic			
Alprazolam	Tablet	0.25mg,0.5mg	C
Diazepam	Tablet	5mg,10mg	E
	Injection	5mg/ml (2ml)	
3.2 Anti-depressant drug			
Duloxetine (other anti-depressant)	Tablet	30 mg, 60 mg	C
Sertraline (selective serotonin reuptake inhibitor)	Tablet	50 mg	C
3.3 Anti-convulsant			
Oxcarbazepine	Tablet	150mg,300mg	C

4. Anti-infective medicines

Classification, Generic Name (INN)	Route of administration, Dosage form, Strength		Category
4.1 Penicillin and Beta lactam Medicines			
Amoxicillin	Capsule	250mg, 500mg	E
Amoxicillin with clavulanic acid	Tablet	375mg(250mg+125mg), 625mg(500mg+125mg)	E
	Injection	600mg(500mg+100mg) , 1.2g (1000mg+200mg)	
Flucloxacillin	Capsule	250mg, 500mg	E
4.2 Cephalosporin and Beta lactam Medicines			
Ceftriaxone (sodium)	Injection	1g	E
Cefixime	Tablet/Capsule	100mg, 200mg	E
Ceftazidime	Injection	1g, 2g	E
Cefuroxime	Tablet/Capsule	125mg, 250mg	E
	Injection	250mg, 750mg/vial	
Cephalexin	Capsule	250mg, 500mg	C
Ceftriaxone + Sulbactam	Injection	1.5g(1000mg+500mg)	E
Cefazolin	Injection	500mg/vial, 1g/vial	E
Cefadroxil	Capsule/Tablet/ Suspension	500mg/1g/250mg/5ml, 500mg/5ml	C
4.3 Aminoglycosides			
Amikacin (sulphate, aminoglycoside antibiotic)	Injection	250mg, 500mg in 2 ml	E
Gentamycin	Injection		E
Neomycin (aminoglycoside antibiotic)	Ointment	0.50%	E
4.4 Quinolones			
Levofloxacin	Injection	500mg/100ml	E
	Tablet	250mg, 500mg	
4.5 Imidazoles			
Metronidazole (anti-protozoal)	Tablet	200mg, 500mg	E
	Injection	500mg/100ml	
Tinidazole	Tablet	500mg	C
4.6 Other Antibiotics			
Clindamycin (lincosamide antibiotic)	Capsule	150mg, 300mg	E
	Injection	300mg/2ml	
Vancomycin (hydrochloride)	Injection	125mg/500mg/1g	C

5. Anti-allergic and medicine used in anaphylaxis

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Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
Cetirizine (hydrochloride)	Tablet	10mg	E
Chlorpheniramine (maleate)	Tablet	4mg	E
	Injection	10mg/ml	
Dexamethasone (sodium phosphate)	Tablet	500mcg	E
	Injection	4mg/1ml,8mg/2ml	
Hydrocortisone (acetate) (sodium succinate/phosphate)	Injection	100mg,500mg in vial	E

6. Medicines affecting the blood

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Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
6.1 Anti-anaemic medicines			
Ferrous salt (sulphate,fumarate)	Tablet	equivalent to iron 60-65mg	E
Folic acid (sodium salt)	Tablet	5 mg	E
6.2 Medicines affecting coagulation			
Enoxaparin	Injection	100mg/ml (0.4ml) 100mg/ml (0.6ml)	C
Haemocoagulase	Injection		C
Tranexamic acid	Injection	100mg/ml (5ml)	C
	Capsule	250mg,500mg	
6.3 Plasma substitute			
Gelatin infusion	Injection	4% 500ml	E

7. Cardiovascular Medicines

Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
7.1 Anti-hypertensive			
Amlodipine	Tablet	5mg,10mg	E
7.2 Medicines used in anaphylaxis			
Dopamine (hydrochloride)	Injection	40mg/ml(5ml)	E
Dobutamine (hydrochloride)	Injection	50mg/ml(5ml)	E
Epinephrine (hydrogen tartrate)	Injection	1:1000(1mg/ml), 1:10000 (0.1mg/ml)	E
Hydrocortisone	Injection	100mg,500mg	E
Norepinephrine	Injection	2mg/ml	E

8. Anti-diabetics

Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
Insulin			
Insulin * short acting soluble insulin * intermediate isophane * premixed-biphasis insulin * long acting insulin zinc suspension (Mixed,crystalline)	Injection	100IU/ml in 10ml vial	E
Metformin	Tablet	500mg,800mg,1000mg	C

9. Gastrointestinal medicines

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Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
9.1 Proton pump inhibitor			
Omeprazole	Tablet	20mg	E
Pantoprazole	Tablet	20mg,40mg	E
	Injection	40mg	
9.2 H2-Receptor antagonist			
Ranitidine	Injection	50mg/2ml	E
	Tablet	150mg,300mg	
9.3 Antacids			
Aluminium hydroxide	Tablet	500mg	C
Magnesium hydrochloride	Tablet	300mg	C
9.4 Anti-emetic medicines			
Metochlopramide (hydrochloride)	Injection	5mg/ml(2ml)	E
	Tablet	10mg	
Ondansetron (hydrochloride)	Injection	2mg/ml (2ml)	E
	Tablet	4mg,8mg	

10. Medicines acting on the respiratory tract system

Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
10.1 Anti-asthmatic medicine			
Salbutamol (sulfate)	Tablet	2 mg, 4mg	C
10.2 Mucolytic			
Bromhexine	Tablet	8 mg	C

11. Diagnostic agents

Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
Dimeglumine gadopentetate injection 469 mg	Injection	469mg/ml (10 ml)	E

12. Immunologicals

Classification, Generic Name (INN)	Route of administration, Dosage form, Strength		Category
12.1 Sera and immunoglobulins			
Immunoglobulin	Injection	150-180mg/ml	C
Tetanus immunoglobulin (Human origin)	Injection	250 IU/2ml	C
Hepatitis B immunoglobulin	Injection	human origin	C
12.2 Vaccines			
For universal immunization			
Hepatitis B vaccine	Injection		C
Tetanus vaccine	Injection		C

13. Disinfectants and anti-septics

Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
Comprox AC+ Solution parachlorometaxlenol+ Dichlorometaxlenol	Solution		E
Bleaching powder	Powder		E
Chlorhexidine	Solution	5%	E
Didecyl dimethylammonium chloride + Polyhexamethylene biguanide	Solution		E
Glutaraldehyde	Solution	2%	E
Glutaraldehyde + Formaldehyde	Solution		E
Methylated spirit (C ₂ H ₅ OH 95% +CH ₃ OH 5%)	Solution	19:01	E
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine+ didecyl-dimethylammonium chloride	Solution		E
Povidone iodine and scrub	Solution	10%	E
Phenol	Solution	1%	E

14. Solutions correcting water, electrolytes and acid-base balance

Classification, Generic Name (INN)	Route of administration, Dosage form, Strength		Category
Dextrose	Injection Infusion	25%, 50% 5%	E
Dextrose and sodium chloride	Infusion	Dextrose 5%, Sodium chloride 0.9%	E
Physiological saline	Injectable solution	0.9% sodium chloride	E
Ringer lactate	Injectable solution	Compound sodium lactate	E
Sodium bicarbonate	Injectable solution	8.4% in 10ml	E
Potassium chloride	Injection	10g, 15g/10ml	E
Calcium gluconate	Injection	10mg/ml in 10 ml	E

15. Nutrition, mineral and vitamins

Classification,Generic Name (INN)	Route of administration, Dosage form,Strength		Category
Amino acid	Tablet		C
Ascorbic acid	Tablet	100mg,500mg	E
Alfacalcidol	Capsule	250nanogram, 500nanogram, 1 microgram	E
Colecalciferol	Tablet/Capsule	20 microgram(800units)	E
Calcium carbonate	Tablet		E
Calcium citrate	Tablet		E
Hydroxocobalamin	Injection	100mcg/1ml,1000mcg/ml	E
Methylcobalamin	Tablet	500mcg,1500mcg	E
Pyridoxine (hydrochloride)	Tablet	50mg	E
Thiamine (hydrochloride)	Tablet	50mg	E
Multivitamin and mineral preparation	Tablet/Capsule	Recommended daily allowrance	C