



Essential Medicines List

Primary and Secondary Healthcare Facilities



Department of Health

Government of Balochistan

JUNE 2014

<http://www.balochistan.gov.pk/health/>

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ACRONYMS

BoD	Burden of Disease
CDC	Centers for Disease Control
DOH	Department of Health
EDL	Essential Drugs List
EML	Essential Medicines Lists
HSRU	Health Sector Reform Unit
IDUs	Injecting Drug Users
MOH	Ministry of Health
MSWs	Male Sex Workers
NCD	Non Communicable Diseases
NEML	National Essential Medicines Lists
UNICEF	United Nations Children's Fund
USAID	United States Agency for International Development
WHO	World Health Organization

Foreword

The right to health is a fundamental human right and provision of essential medicines is one of the essential components of primary health care. A standardized Essential Medicines List can meet end users' requirements and help rationalizing the purchase and distribution of medicines, thereby, reducing costs of the healthcare. .

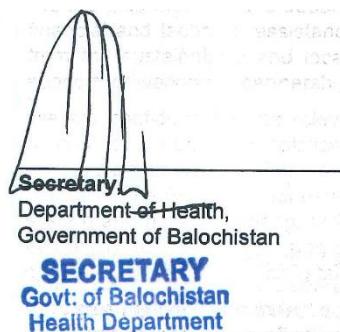
The World Health Organization (WHO) defines Essential Medicines as "*those that satisfy the priority health care needs of the population*". They are intended to be available within the context of functioning health systems at all times in adequate amounts, in the appropriate dosage forms, with assured quality, and at a price the individual and the community can afford.

Before 2011, it was the responsibility of the Federal Ministry of Health to develop and update Essential Medicines Lists (EMLs) while provinces were maintaining medicines procurement lists based on their field requirements. However, after the 18th Constitutional Amendment in June 2011, when all administrative and financial powers were devolved to the provinces, it was acknowledged by the Department of Health, Government of Balochistan, that there should be segregated lists of essential medicines for each facility level.

The Department of Health, Government of Balochistan, formally approached USAID | DELIVER PROJECT in 2012, for seeking technical support to develop EMLs for the primary and secondary level health facilities in the province. The Project quickly mobilized its resources to respond this request and developed customized EMLs after detailed consultation with all stakeholders, including health and medical professionals from the WHO (Pakistan office) as well as districts. The Department of Health, Government of Balochistan, is pleased to announce the first ever province-specific EMLs for primary and secondary level health facilities that meet WHO standards and have also been endorsed by WHO Pakistan. The EMLs have been distributed among all stakeholders up to districts level for implementation.

The Department of Health will convene a provincial committee in Balochistan with a proportionate representation of health and medical professionals. This committee will be reviewing and updating the EMLs regularly based on end users' requirements and an updated version will be available at <http://www.balochistan.gov.pk/health/>.

I would like to express my gratitude to USAID/Pakistan for providing the support through USAID | DELIVER PROJECT for development of province-specific standard EMLs for Balochistan. I am also grateful to the WHO/Pakistan for extending their technical support in the accomplishment of the EMLs. Their concurrent support will contribute to ensuring transparency and value for money in procurement, enhancing performance of health professionals, and ensuring availability of quality medicines for the people of Balochistan.



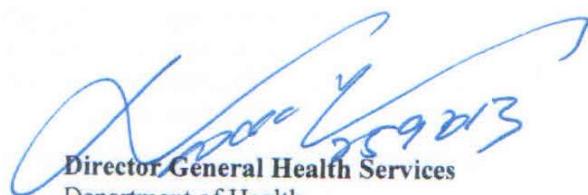
Acknowledgement

The Essential Medicines Lists (EMLs) have been developed for primary and secondary level healthcare facilities of the Department of Health (DOH), Government of Balochistan, with the technical and financial support of United States Agency for International Development (USAID)-funded USAID | DELIVER PROJECT, and with the technical guidance of the World Health Organization (WHO) Pakistan Office. Moreover, the health and medical professionals from district health offices and public sector health institutions of Balochistan have also contributed and provided valuable inputs in finalizing the EMLs.

I would like to express my deepest appreciation to all relevant public sector stakeholders, development partners, health specialists and medical professionals from WHO/Pakistan for reviewing, contributing, guiding and supporting the development of the EMLs for primary and secondary healthcare facilities of Balochistan.

The DOH highly appreciates the auspicious and productive support of USAID/Pakistan towards strengthening the health sector of the Balochistan province. I would like to thank Mr. Randolph Augustin, Director, Health Office USAID; and Mr. Khalid Saeed Bukhari of WHO Pakistan for their leadership and coordinated support enabling the USAID | DELIVER PROJECT to successfully produce the EMLs.

We also wish to appreciate Dr. Muhammad Tariq, Country Director, USAID | DELIVER PROJECT Pakistan for his leadership role and his dedicated team for their devoted efforts and support provided in developing the EMLs.



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Background: Essential Medicines

Medicines have a major role in protecting, maintaining, and restoring health. Policymakers and departments implementing health activities and programs are responsible for providing appropriate quality medicines, in adequate quantities, at reasonable prices.

During the current era, the access to essential medicines has improved. However the developing countries are still facing challenges in ensuring an equitable access to quality medicines and promoting rational use despite of the consistent efforts of governments, development agencies, and WHO. Recently, the reforms in health sector financing, globalization, and economic recessions have demonstrated improved access to essential medicines.

The publication, *WHO Model List of Essential Medicines*¹, is a guide for developing national and institutional essential medicines lists. This model list is regularly revised.

Essential medicines are—

- intended to satisfy the priority healthcare needs of the population
- selected with regard to disease prevalence, evidence on efficacy and safety, and comparative cost effectiveness
- intended to be available within the context of functioning health systems, at all times; in adequate amounts, in the appropriate dosage forms, with assured quality, and at a price the individual and the community can afford
- one of the most cost-effective elements in modern healthcare; their potential health impact is enormous.

The concept of essential medicines means looking to the future. The WHO list is regularly updated with the selection of medicines that reflect new therapeutic options and changing therapeutic needs; ensures drug quality; and provides for the continued development of better medicines, medicines for emerging diseases, and medicines to meet changing resistance patterns.

Pakistan National Essential Medicines List

To address the disease burden in Pakistan, as noted above, the National Essential Medicines (Drugs) List (NEML) of Pakistan was first prepared in 1994 after consultation with experts in the field. The list was reviewed in 1995, 2000, 2003 and 2007. The former Federal Ministry of Health (MOH) previously published and disseminated this list to healthcare professionals as part of an effort to increase the acceptability of the concept as envisaged in the National Drug Policy. The former MOH expected the provincial health departments and the local health authorities to procure the drugs advised in the list. Although the list was not exactly followed in practice, the concept remains the cost-effective mechanism for public procurement of drugs; thereby the use of EML should be encouraged.

Recently the Drug Regulatory Authority of Pakistan (DRAP) in collaboration with WHO Pakistan has prepared and published national EML 2014.

¹ World Health Organization (WHO). 2011. *WHO Model List of Essential Medicines*. Geneva: WHO.

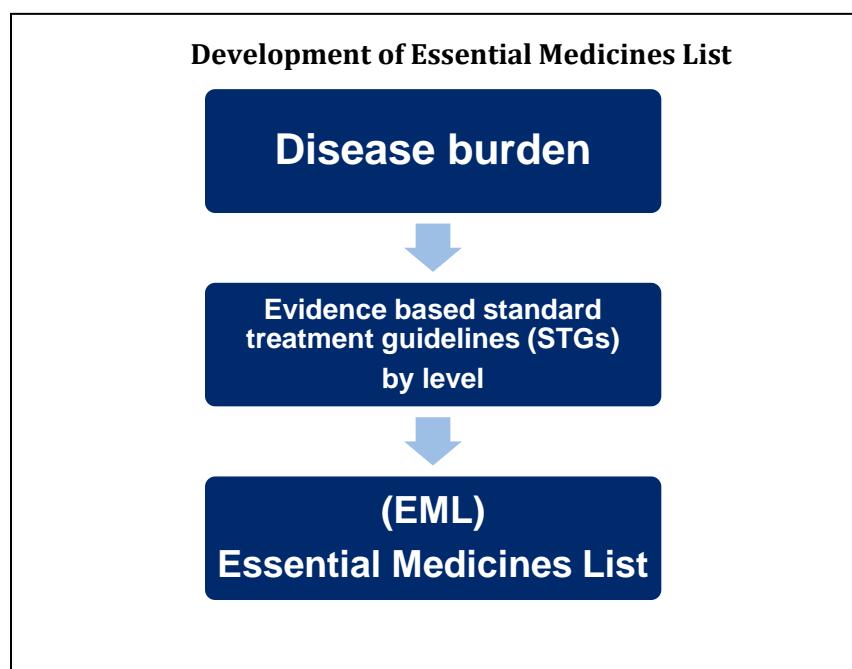
The WHO discourages using nomenclature of EDL (Essential Drugs Lists) because the word ‘Drugs’ is also commonly used for narcotics and other stimulant drugs. Therefore, WHO recommends the nomenclature ‘EMLs’ (Essential Medicines Lists).

What is an Essential Medicine?

Since 2002, essential medicines have been defined as “*those that satisfy the priority health-care needs of the population. They are selected with due regard to public health relevance, evidence on efficacy and safety, and comparative cost-effectiveness. Essential medicines are intended to be available within the context of functioning health systems at all times in adequate amounts, in the appropriate dosage forms, with assured quality and adequate information, and at a price the individual and the community can afford. The implementation of the concept of essential medicines is intended to be flexible and adaptable to many different situations; exactly which medicines are regarded as essential remains a national responsibility.*”(1) This definition evolved from the first definition in 1977, which was adopted in the Alma-Ata Declaration of 1978 (2). The main change has been in the selection process—from an expert-based approach to an evidence-based approach.

An EML includes a limited number of carefully selected medicines. These lists have been published as formularies and institutional lists of medicines, which are made available to health facilities and health workers. The list may not always be called an EML; but, whatever the name, they serve the same function. EMLs have been one cornerstone of public health delivery and the basis for efforts to ensure consistent medicine supply and management. It is an important strategy for improving access to and use of medicines, especially for the vulnerable segment of a population. Furthermore, an EML can be an advocacy tool to help countries spend their limited resources on the medicines that are most needed and that offer the best value for the money.

WHO recommends the following process to develop a national EML

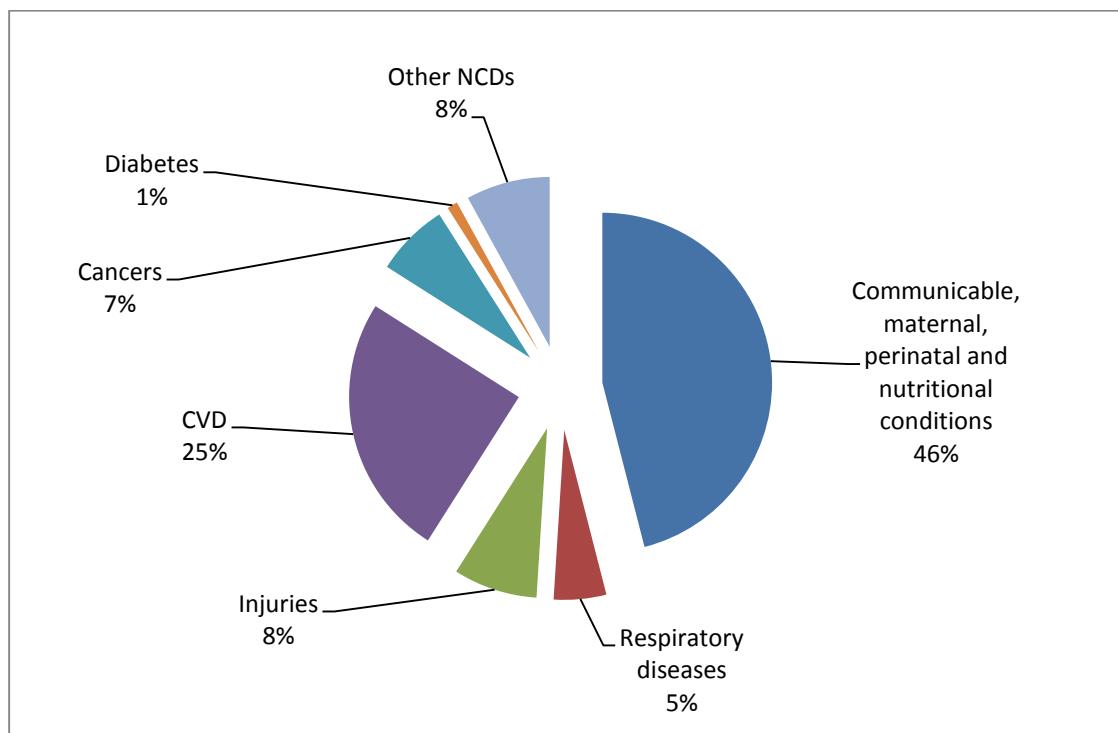


Pakistan Facing Double Burden of Disease²

The burden of disease (BoD) in Pakistan is dominated by communicable diseases, reproductive health problems, and malnutrition; which collectively account for about 50 percent of the total. This includes a high maternal mortality ratio (276/100,000 live births); low antenatal care coverage (61 percent); frequent complications of pregnancy and child birth; low family planning coverage (30 percent); and a higher ratio of children under-5 years, infant, and neonatal mortality (94, 78, and 54/1000 live births, respectively). Malnutrition in the young is an underlying cause of more than 50 percent of the deaths—one-fifth of newborns have low birth weight and 38 percent of children under-5 years are underweight. These health issues are aggravated by a low exclusive breastfeeding rate for infants' under-6 months (37 percent of children) and low vaccination coverage (47 percent). Added to this burden are non-communicable diseases (NCD [cardiovascular diseases, diabetes, cancers, injuries, and neuropsychiatric disorders]). This double burden of disease is a major challenge in the health sector of Pakistan. Respiratory infections and diarrheal diseases are still the major fatal diseases in Pakistan, particularly for children under-5. Pakistan is the second country (after India) in Southeast Asia that is moving toward a concentrated HIV and AIDS epidemic stage for groups like injecting drug users (IDUs) and male sex workers (MSWs). The proportional mortality rates for Pakistan for 2008 estimates are represented in the following figure.

Proportional Mortality³

(Percentage of total deaths, all ages)



² http://www.who.int/countryfocus/cooperation_strategy/ccsbrief_pak_en.pdf

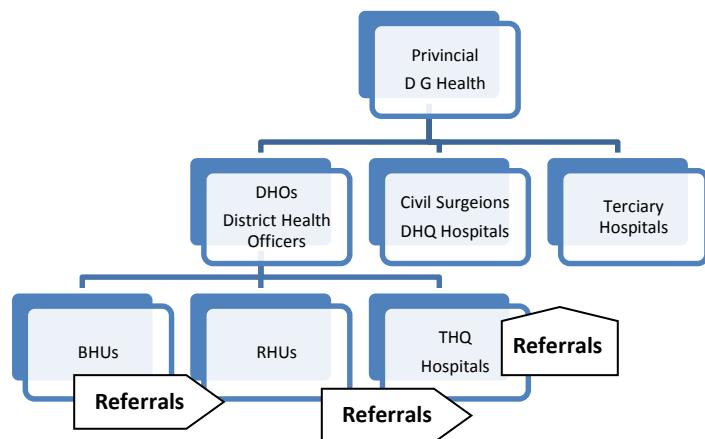
³ World Health Organization. 2011. *NCD Country Profiles..* (http://www.who.int/nmh/countries/pak_en.pdf)

Activities and Process Adopted to Develop EMLs

Extensive internet research was carried out to collect data and other available information. This included browsing websites of WHO, United Nations Children's Fund (UNICEF), Centers for Disease Control and Prevention (US-CDC), Department of Health (DOH) Balochistan, Balochistan Health Sector Reform Unit (HSRU), and many other relevant resource organizations. Consultative meetings were held with the WHO Pakistan team, as well as the provincial and district health officials to access information on available EMLs and procurement lists. All the material/information collected was reviewed and a situation analysis was completed; it identified the gaps and challenges.

After completing these steps, recommended procurement lists for essential drugs/medicines were developed for each primary- and secondary-level healthcare facility for the Department of Health, Balochistan. These lists are based upon the *WHO Model List of Essential Medicines*, WHO treatment guidelines and feedback, and observations from visits to health facilities. The draft lists were shared with the WHO Pakistan and after several consultations, a final draft was endorsed by WHO which was then shared with the provincial and district health officials of Balochistan in a consultative workshop for feedback. The recommendations put forth in the consultative workshop were incorporated and the lists were finally approved by Balochistan Health Department for implementation all across the province.

*Structure of
Provincial Health System*



Using the Essential Medicines Lists

Use the EML given below as the basis for standardized procurement. The EML uses the international non-proprietary names (INN) classification. INN is the official shortened scientific name or generic name, based on the active ingredient used. Using the INN reduces the risk of duplication, confusion or errors in identifying a product. For example, Cotrimoxazole (the official or generic name) is easier to recognize and remember than the range of alternatives, such as Septran, Bactrim etc. and avoids mistakes in prescribing, dispensing and ordering. Generic drugs/medicines are also usually much cheaper than proprietary drugs. Rule 10 of BPPR 2014 also prohibits the use of proprietary or brand names.

Essential Medicines Lists help to simplify quantification of drug requirements and the training of those responsible for prescribing and dispensing drugs. If only a limited number of drugs are used, health workers will be more familiar with indications, dosages, side effects and contraindications.

EXPLANATORY NOTES

The segregated core lists presents the list of minimum medicine needs for a basic health-care system, listing the most efficacious, safe and cost-effective medicines for priority conditions. Priority conditions are selected on the basis of current and estimated future public health relevance, and potential for safe and cost-effective treatment.

■	<i>The square box ■ symbol is primarily intended to indicate similar clinical performance within a pharmacological class. The listed medicines are the example of the class for which there is the best evidence for effectiveness and safety. In some cases, this may be the first medicine that is licensed for marketing; in other instances, subsequently licensed compounds may be safer or more effective. Where there is no difference in terms of efficacy and safety data, the listed medicine is the one that is generally available at the lowest price, based on international drug price information sources. Not all square boxes are applicable to medicine selection for children. Therapeutic equivalence is only indicated on the basis of reviews of efficacy and safety and when consistent with WHO clinical guidelines.</i>
★	<i>The ★ symbol indicates that there is an age or weight restriction on use of the medicine; details for each medicine can be found in Table 1.</i>
©	<i>The © symbol signifies that there is a specific indication for restricting its use to children.</i>

The presence of an entry on the Essential Medicines List carries no assurance as to pharmaceutical quality. It is the responsibility of the relevant procurement authority to ensure that each product is of appropriate pharmaceutical quality (including stability) and that when relevant, different products are interchangeable.

Medicines and dosage forms are listed in alphabetical order within each section and there is no implication of preference for one form over another. Standard treatment guidelines should be consulted for information on appropriate dosage forms.

Table 1: Medicines with age or weight restrictions

Atazanavir	>25 kg
Atropine	>3 months
Benzyl benzoate	>2 years
Betamethasone topical preparations	Hydrocortisone preferred in neonates
Cefazolin	>1 month
Ceftriaxone	>41 weeks corrected gestational age
Chlorphenamine	>1 year
Diloxanide	>25 kg
Doxycycline	>8 years (except for serious infections e.g. cholera)
Efavirenz	>3 years or >10 kg
Emtricitabine	>3 months
Fluoxetine	>8 years
Ibuprofen	>3 months (except IV form for patent <i>ductus arteriosus</i>)
Mefloquine	>5 kg or >3 months
Metoclopramide	Not in neonates
Ondansetron	>1 month
Saquinavir	>25 kg
Silver sulfadiazine	>2 months
Tetracaine	Not in preterm neonates
Trimethoprim	>6 months
Xylometazoline	>3 months

EML for BHUs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
A	Anaesthetics Local	1	lidocaine (hydrochloride) ☐	vial/ ampoule	2%w/v (10ml)
				topical	2%gel (15 gm)
B	Analgesics / NSAIDs	2	acetylsalicylic acid (dispersible/soluble)	tablets	100 mg to 500 mg
				suppository	50 mg to 150 mg
		3	mefenamic acid	tablets	250 mg
		4	diclofenac (sodium)	ampule	75 mg in 3ml
				tablets	50 mg
		5	ibuprofen ✶	tablets	200 mg, 400 mg
				syrup	200mg/5ml
		6	paracetamol	tablets	500 mg
				syrup	125 mg / 5ml
				suppository	100 mg
C	Anti-Allergics and Medicines used in anaphylaxis	7	chlorpheniramine (hydrogen maleate) ☐ ✶	tablets	4 mg
				syrup ☐	2.5mg / 5ml
		8	dexamethasone (disodium phosphate)	injection	4 mg / ml
		9	epinephrine (adrenaline)	ampule	1 mg /ml
		10	hydrocortisone (sodium succinate)	injection	100mg, 250 mg
		11	cetirizine	tablets	10 mg
				syrup	5 mg / 5ml
		12	loratadine	tablets	10 mg
				syrup	1 mg/ml
		13	prednisolone ☐	tablets	5 mg
	ANTI-INFECTIVES				
D	Antibiotics/ antimicrobials	14	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules/tablet	250mg, 500 mg
				syrup ☐	125mg & 250 /5ml
				drops ☐	125 mg/1.25ml
				injection	250mg, 500 mg
		15	ampicillin (as sodium salt)	injection	500 mg and 1 g
		16	erythromycin (stearate or estolate or ethyl succinate)	tablets	250mg, 500 mg
				syrup	125 mg / 5ml

EML for BHUs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		17	cotrimoxazole  (sulfamethoxazole + trimethoprim)	tablets 	400mg + 80 mg
		18	metronidazole  (benzoate)	syrup 	200mg + 40mg/5 ml
				tablets	200mg, 400 mg
				syrup	200 mg / 5ml
E	Antihelminthic	19	mebendazole (chewable)	tablets	500 mg (<i>with caution only for adults</i>)
				suspension	100mg/5ml
F	Anti-Fungal	18	nystatin	tablets	500,000 IU
				drops 	100,000 IU/ml
				vaginal tablet	100 000 IU
G	Anti-Tuberculosis Drugs <i>As per TB Control Program guidelines</i>	19	ethambutol	tablets	400 mg
				oral liquid 	25 mg/ml
		20	isoniazid	tablets/syrup 	50mg, 100mg, 300mg
		21	pyrazinamide	tablets	500 mg
		22	rifampicin	caps / syrup 	150mg, 300mg, 450mg,600mg
		23	streptomycin	injection	1 gm
		24	ethambutol + isoniazid	tablets	400mg + 150mg
		25	isoniazid + rifampicin	tablets	75mg+ 150mg ; 150mg + 300mg
		26	isoniazid + pyrazinamide + rifampicin	tablets	75mg + 400mg + 150 mg.
		27	rifampicin + isoniazid + pyrazinamide + ethambutol	tablets	150mg+75mg+ 400mg+275 mg
		28	ethambutol + isoniazid + rifampicin	tablets	275mg + 75mg + 150 mg
H	Antimalarial <i>For vivax</i>	29	chloroquine (phosphate or sulfate)	tablets	150 mg
		30	primaquine (diphosphate)	tablets	15 mg
		31	sulfadoxine + pyrimethamine co-blister / combined therapy	tablets	500mg + 25 mg
	<i>To be used in combination (coblister)</i>	32	artesunate plus sulfadoxine and pyrimethamine	tablets	coblister of (6+2) tablet - two large tablets each has sulfadoxine 500mg U.S.P. + pyrimethamine 25mg U.S.P and six small tablets, each contains artesunate

EML for BHUs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
					50mg U.S.P.
<i>Management Of Severe Malaria</i>			artesunate plus sulfadoxine and pyrimethamine	tablets	coblister of (6+3) tablets- three large tablets, each has sulfadoxine 500mg U.S.P.+ pyrimethamine 25mg U.S.P.- six small tablets, each contains artesunate 100mg U.S.P.
			artemether		80 mg/ml in 1-ml
		33		ampule	
I	Anti-Diabetics	34	glibenclamide	tablets	5 mg
		35	metformin (hydrochloride)	tablets	500 mg
J	GIT Drugs <i>Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea</i>	36	phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg
		37	metoclopramide (hydrochloride) +	tablets	10 mg
				syrup	5 mg / 5ml
				injection	5mg/ml
		38	omeprazole 	capsules	10mg, 20mg, 40mg
				injection	20mg
		39	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg
		40	ORS (low osmolarity)	sachet	dry mixture (low osmolarity formula) in sachet for 1 liter of solution; each sachet contains glucose anhydrous 13.5gm B.P. , trisodium citrate dihydrate 2.9 gm B.P , potassium chloride 1.5gm B.P. , sodium chloride 2.6gm B.P.
		41	glycerin	suppository	
		42	salbutamol (sulfate) 	tablets	2 mg and 4 mg
				solution	5 mg/ml for nebulizer
		43	ammonium chloride + chloroform + menthol + diphenhydramine + sodium	antitussive expectorant	131.5mg/5ml + 22mg/5ml + 1mg/5ml +

EML for BHUs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength	
			citrate		13.5mg/5ml + 55mg/5ml	
		44	aminophylline	injection	25 mg/ml	
L	Miscellaneous	45	atropine (sulfate) ♦	ampule	1 mg in 1ml	
		46	charcoal activated	powder		
		47	diazepam	injection	10 mg	
				gel or rectal solutions	5 mg/ml in 0.5 ml; 2-ml; 4-ml	
		48	naloxone (hydrochloride)	injection	400 mcg in 1 ml	
	Ophthalmic / ENT	49	oxygen concentrator / cylinder			
M		50	boroglycerine	ear drops (only for wax removing)	40.00%	
		51	polymyxin B sulphate+lignocaine	ear drops	each ml is contains polymyxin B (sulphate):10000 IU/ml,Lignocaine:50 mg/ml;5ml plastic bottle.	
		52	gentamycin (sulfate)	eye drops	0.30%	
		53	naphazoline	eye drops	0.005 %w/v	
		54	polymyxin B (sulphate)+ bacitracin zinc	eye ointment	10000IU/g + 500IU/g	
N	I/V Infusions Plasma Substitutes	55	dextrose + saline	infusion	5 % + 0.9% w/v	
		56	glucose / dextrose	infusion	5, 10 %	
		57	normal saline	infusion	0.9%	
		58	ringer's lactate	infusion	Infusion 1,000ml contains calcium chloride 0.2gm U.S.P.; potassium chloride 0.3gm U.S.P.; sodium chloride 6 gm U.S.P.;3.1 gm sodium lactate 3.1gm U.S.P.; sterile water for injection 1,000ml (q.s), 1,000 ml collapsible plastic bottle	
		59	water for injection	ampule	5 ml and 10 ml	
O	Vitamins & Minerals Micronutrients	60	ascorbic acid	tablets	50mg, 100mg, 500 mg	
		61	calcium gluconate	injection	100 mg/ml in 10-ml	

EML for BHUs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		62	calcium lactate	tablets	500mg, 1gm
		63	ergocalciferol (vitamin D) 	tablets	1.25 mg (50 000 IU)
		64	ferrous salt (fumarate)	tablets	equivalent to 60 mg iron
				syrup	equivalent to 25 mg/ml iron
		65	folic acid	tablets	0.5mg, 1mg and 5mg
		66	ferrous salt + folic acid	tablets (DRAP approved)	tablet, equivalent to 60 mg iron + 400 mcg folic acid
		67	multiple micronutrients	sachet	UNICEF approved
		68	retinol (vitamin A)	tablets/capsule	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)
		69	zinc sulphate	dispersible tablets	20 mg
		70	B complex (B1, B6 and B12)	tablets	DRAP approved
		71	multivitamins	tablets	DRAP approved
P	Cardiovascular Drugs	72	furosemide 	tablets	20, 40 mg
				injection	10 mg
		73	glyceryl trinitrate	sublingual	500 mcg
		74	isosorbide dinitrate 	sublingual	5 mg
		75	captopril	tablets	25 mg, 50 mg, 12.5 mg
Q	Dermatologicals	76	methyldopa	tablets	250 mg
		77	benzyl benzoate  	lotion	5% & 25%
		78	calamine 	lotion	15%
		79	hydrocortisone 	cream	1%
		80	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000iu/g + 500iu/g
R	Oxytocic Drugs	81	silver sulphadiazine  	cream	1%
		82	ergometrine (hydrogen maleate) 	injection	200 mcg in 1ml
		83	oxytocin	injection	10 iu in 1-ml
S	Contraceptives	84	condoms		
		85	ethynodiol diacetate  + norethisterone 	CO pills	35mcg + 1mg
		86	levonorgestrel 	PO pills	30 mcg
		87	copper T / multiload	IUCD	

EML for BHUs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		88	DMPA (medroxyprogesterone acetate)	injection	150 mg /1ml
		89	norethisterone enantate	injection	200 mg/ml in 1ml
T	Vaccines &Sera	90	BCG vaccine		WHO approved / as per national EPI program
		91	hepatitis B vaccine		
		92	measles vaccine		
		93	polio vaccine (OPV trivalent)/ IPV	oral/ injection	
		94	pentavalant vaccine		
		95	pneumococcal vaccine		
		96	tetanus toxoid		
		97	anti-rabies vaccine (PVRV)	single dose vial	>2.5 IU
		98	anti-snake venom serum		
U	Antiseptics/ Disinfectants Only chlorine based compound in stable dry granular form	99	povidone-iodine	solution	10 %w/v
		100	halogenated sodium phosphate	powder	100gms
		101	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		102	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
V	Disposable Supplies	103	syringe (autodisable) (DRAP approved)	sterile packs	1cc and 5cc
		104	I.V sets	sterile packs	DRAP approved
		105	I.V cannula (DRAP approved)	sterile packs	16g, 20g, 24g
		106	adhesive tape (hypoallergenic)	roll	1, 2 inch
		107	surgical gauze		32 pix, 40 m
		108	cotton bandage	roll	6.5cm x 2m
		109	absorbent cotton wool	pack	500gm
		110	examination gloves	pairs	box of 100 (small, medium and large size) [1:2:1]
		111	sterile surgical gloves	pairs	7, 7½
		112	silk sutures	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		113	face masks disposable		
		114	blood lancets	sterile packs	

EML for BHUs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		115	slides		
		116	clean delivery kits	sterile packs	<ul style="list-style-type: none"> • 1 bath soap, 50 gram wrapped • 1 apron • 2 paper towel • 2 pairs of latex examination gloves (m) • 1 plastic under sheet (about one square meter) • 1 under pads 60cmx90cm • 2 alcohol pads • 2 packs of sponges (4 sponge) • 1 sterile bulb sucker • 2 sterile umbilical cord clamp • 1 sterile surgical blade • 2 cotton thread (cord ties) • 1 maternity pad • 1 white poly bag for disposal • 1 unbleached dignity drape 1 instruction sheet



Indicates similar clinical performance within a pharmacological class



Indicates that there is an age or weight restriction on use of the medicine



Signifies that there is a specific indication for restricting its use to children

Emergency Tray for BHU			
Sr#	Items Name	Strength	Qty
1	injection tranexamic acid	250mg/5ml	10
2	injection atropine	1mg/1ml	10
3	injection adrenaline	0.1mg/ml	10
4	injection diazepam	5mg/ml	10
5	injection diclofenac sodium	25mg/ml	10
6	injection pheniramine (maleate)	22.7mg/2ml	10
7	injection hydrocortisone sodium	100mg	1
8	injection lidocaine	2% W/V	5
9	water for injection,	5ml	5
10	injection ringer lactate	1000ml	10
11	injection normal saline	1000ml	10
12	injection 25% DW	25ml ampoule	2
13	glyceryl trinitrate sublingual	500 mcg	50
14	isosorbide dinitrate sublingual	5 mg	10
15	lidocaine	gel	1
16	cotton roll BPC	500gms	1
17	compression bandage BPC		5
18	D/S	5 cc	30
19	IV set		20
20	IV cannula	18G, 20G, 22G, 24G	20 (1:2:2:1)
21	silk sutures sterile packs	0, 1/0, 2/0	10
22	ETT	(3 mm, 3.5 mm, 4 mm, 7.5 mm, 8 mm)	10
23	Foleys catheter	All sizes (10 F to 28 F)	12
24	NG tube	(14-18 Fr, infant/child: 10-14 Fr)	10

EML for RHCs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
A	Anaesthetics Local	1	lidocaine (hydrochloride) 	vial/ ampoule	5% (hydrochloride) in 2-ml ampoule to be mixed with 7.5% glucose solution.
				topical forms	2%gel, 4%solution
		2	lignocaine + epinephrine (adrenaline)	injection	2% + 1:200 000
			lignocaine + epinephrine (adrenaline)	dental cartridge	2% + 1:80 000
B	Analgesics Opioid	3	pethidine (hydrochloride)	ampule	50 mg/ml in 2ml
C	Analgesics / NSAIDs	4	acetylsalicylic acid (dispersible)	tablets	300 mg
		5	mefenamic acid	tablets	250 mg
		6	diclofenac (sodium)	tablets	50 mg
				ampule	75 mg in 3ml
		7	ibuprofen 	tablets	200mg, 400 mg
				syrup	200 mg/5ml
		8	paracetamol	tablets	500 mg
				syrup	125 mg / 5ml
				suppository	100 mg
D	Antiallergics and Medicines used in Anaphylaxis	9	chlorpheniramine (hydrogen maleate)  	tablets	4 mg
				syrup 	2 mg /5 ml
		10	dexamethasone (disodium phosphate)	injection	4 mg / ml
				tablets	0.5 mg
		11	epinephrine (adrenaline)	ampule	1 mg /ml
		12	hydrocortisone (sodium succinate)	injection	100mg, 250 mg
		13	cetirizine	tablets	10 mg
				syrup	5 mg / 5ml
		14	loratadine	tablets	10 mg
				syrup	1 mg/ml
		15	prednisolone 	tablets	5 mg
E	Antidotes and Other Substances used in Poisonings	16	atropine (sulfate) 	ampule	1 mg in 1ml
		17	charcoal activated	powder	
		18	diazepam	injection	10 mg

EML for RHCs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		19	methylthioninium chloride (methylene blue)	ampule	10mg/ml -in 10ml
		20	naloxone (hydrochloride)	ampule	400 mcg in 1ml
F	Anti-Epileptics	21	carbamazepine	tablets	200 mg
				syrup	100mg / 5ml
		22	magnesium sulphate	injection	500mg/ml
		23	phenobarbital (sodium)	tablets	30 mg
				injection	200 mg /ml
		24	phenytoin (sodium)	tablets	100 mg
G	Antihelminthic	25	albendazole	tablets	200 mg
				syrup	100 mg / 5ml
		26	mebendazole	tablets	500 mg (with caution only for adults)
				syrup	100 mg/5ml,
		27	pyrantel (pamoate)	tablets	250 mg
				syrup	250 mg / 5ml
H	Anti-Fungal	28	clotrimazole	vaginal cream	1% w/v
				vaginal tablet	100, 500 mg
		29	nystatin	tablets	500,000 iu
				drops Ⓡ	100,000 iu/ml
				pessary	100 000 iu
	ANTI-INFECTIVES				
I	Antibiotics	30	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet	250mg, 500 mg
				syrup Ⓡ	125mg & 250 /5ml
				injection	250mg, 500mg
		31	ampicillin (sodium)	capsules	250mg, 500 mg
				syrup Ⓡ	125mg & 250mg /5ml
				injection	250mg, 500 mg
		32	azithromycin Ⓡ	capsules	250mg, 500 mg
				suspension	125mg / 5ml in 22.5ml
		33	benzyl penicillin (potassium)	injection Ⓡ	600 mg (= 1 million iu); 3 g (= 5 million iu) (sodium or potassium salt) in vial

EML for RHCs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		34	cefixime* (trihydrate)	capsules	400 mg
		35	ciprofloxacin  (hydrochloride)	tablets	250mg, 500 mg
		36	cotrimoxazole  (sulfamethoxazole + trimethoprim)	tablets 	400mg + 80 mg
				syrup 	200mg + 40mg/5 ml
		37	doxycycline (hyclate) 	caps	100 mg
		38	gentamicin (sulfate) 	injection	40mg, 80 mg
		39	metronidazole  (benzoate)	tablets	200mg, 400 mg
				syrup	200 mg / 5ml
				infusion	5mg/ml in 100ml
		40	nitrofurantoin	tablets	100 mg
		41	procaine benzyl penicillin	injection	1, 3 m iu
		42	Phenoxyethyl penicillin (potassium)	tablets	250, 500 mg
				syrup	125 mg / 5ml
J	Anti-Tuberculosis Drugs As per TB Control Program guidelines	43	ethambutol	tablets	400 mg
				oral liquid 	25 mg/ml
		44	isoniazid	tablets/syrup 	50mg, 100mg, 300 mg
		45	pyrazinamide	tablets	500 mg
		46	rifampicin	caps / syrup 	150mg,300mg,450mg,600mg
		47	streptomycin	injection	1 gm
		48	ethambutol + isoniazid	tablets	400mg+ 150 mg
		49	isoniazid + rifampicin	tablets	75mg+ 150mg;150mg +300mg
		50	isoniazid + pyrazinamide + rifampicin	tablets	75mg + 400mg + 150 mg.
		51	rifampicin + isoniazid + pyrazinamide + ethambutol	tablets	150mg+75mg+ 400mg+275 mg
		52	ethambutol + isoniazid + rifampicin	tablets	275mg + 75mg + 150 mg
		K	Antimalarial For vivax	tablets	150 mg
				tablets	15 mg
	For falciparum	53	chloroquine (phosphate or sulfate)	tablets	150 mg
		54	primaquine (diphosphate)	tablets	15 mg
		55	sulfadoxine + pyrimethamine co-blister / combined	tablets	500mg + 25 mg

EML for RHCs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
<i>To Be Used In Combination (Coblister)</i>	<i>Management Of Severe Malaria</i>		therapy		
		56	artesunate plus sulfadoxine and pyrimethamine	tablets	coblister of (6+2) tablet - two large tablets each has sulfadoxine 500mg U.S.P. + pyrimethamine 25mg U.S.P and six small tablets, each contains artesunate 50mg U.S.P.
			artesunate plus sulfadoxine and pyrimethamine	tablets	coblister of (6+3) tablets- three large tablets, each has sulfadoxine 500mg U.S.P.+ pyrimethamine 25mg U.S.P.- six small tablets, each contains artesunate 100mg U.S.P.
		57	artemether	injection	40 mg/ml
L	GIT Drugs <i>Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea</i>	58	hyoscine (butylbromide)	injection	20 mg/ml
				tablets	10 mg
		59	phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg
		60	metoclopramide (hydrochloride) ♣	tablets	10 mg
				syrup	5 mg / 5ml
				injection	5mg/ ml
		61	omeprazole □	capsules	10mg, 20mg, 40mg
				injection	20mg
		62	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg
		63	ORS (low osmolarity)	sachet	dry mixture (low osmolarity formula) in sachet for 1 liter of solution; each sachet contains glucose anhydrous 13.5gm B.P. , trisodium citrate dihydrate 2.9 gm B.P , potassium chloride 1.5gm B.P. , sodium chloride 2.6gm B.P.
		64	bisacodyl	tablets	5 mg
		65	glycerin	suppository	
M	Anti-Diabetics	66	glibenclamide	tablets	5 mg

EML for RHCs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		67	metformin (hydrochloride)	tablets	500 mg
		68	insulin regular	injection	100 iu / ml
		69	insulin compound	injection	30 + 70 % w/v
N	Cardiovascular Drugs	70	glyceryl trinitrate	sublingual	500 mcg
		71	isosorbide dinitrate 	sublingual	5 mg
		72	nifedipine	tablets	20 mg
		73	methyldopa	tablets	250mg, 500 mg
				injection	250 mg
		74	hydrochlorothiazide 	injection	20 mg
				tablets	25mg, 50 mg
		75	enalapril (maleate)	tablets	5mg, 10 mg
		76	propanolol	tablets	10mg, 40mg, 80 mg
		77	furosemide 	tablets	20mg, 40 mg
				injection	10 mg
O	Oxytocic Drugs	78	ergometrine ((hydrogen maleate) 	injection	200 mcg in 1ml
		79	misoprostol	tablets	200 mcg
		80	oxytocin	injection	10 iu in 1-ml
P	Respiratory Drugs	81	salbutamol (sulfate) 	tablets	2mg and 4mg
				inhaler	100 micrograms
		82	ammonium chloride + chloroform + menthol + diphenhydramine + sodium citrate	antitussive expectorant	131.5mg/5ml + 22mg/5ml + 1mg/5ml + 13.5mg/5ml + 55mg/5ml
Q	Ophthalmic / ENT	83	aminophylline	injection	25 mg/ml
		84	boroglycerine	ear drops (only for wax removing)	40.00%
		85	polymyxin B sulphate+lignocaine	ear drops	each ml is contains polymyxin B (sulphate):10000 IU/ml,Lignocaine:50mg/ml;5ml plastic bottle.
		86	gentamycin (sulfate) 	eye drops	0.30%
		87	tetracycline (hydrochloride) 	eye ointment	1%
		88	xylometazoline  	nasal drops	0.05%
R	I/V Infusions	89	plasma expander	infusion	dextran 6 %w/v, glucose 5 %w/v

EML for RHCs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	Plasma Substitutes	90	glucose / dextrose	infusion	5, 10, %
				ampule	25%
		91	normal saline	infusion	0.9%
		92	dextrose + saline	infusion	5 % + 0.9% w/v
		93	ringer's lactate	infusion	infusion, 1000ml contains calcium chloride 0.2gm U.S.P., potassium chloride 0.3gm U.S.P., sodium chloride U.S.P, 6 gm U.S.P, sodium lactate 3.1gm U.S.P, sterile water for injection 1000ml (q.s.), 1000ml collapsible plastic bottle
		94	potassium chloride	solution	11.2% in 20-ml ampoule
		95	sodium bicarbonate	injection	1.4% isotonic
		96	water for injection	ampule	5 ml, 10 ml
S	Vitamins & Minerals	97	ascorbic acid	tablets	50mg, 100mg, 500 mg
		98	calcium gluconate	injection	100 mg/ml in 10-ml
		99	calcium lactate	tablets	500mg, 1gm
		100	calcium chloride	injection	200 mg/ml
		111	ergocalciferol (vitamin D)	tablets	1.25 mg (50 000 iu)
		112	ferrous salt (fumarate)	tablets	equivalent to 60 mg
				syrup	equivalent to 25 mg/ml
		113	folic acid	tablets	0.5mg, 1mg & 5mg
		114	ferrous salt + folic acid	tablets (DRAP approved)	equivalent to 60 mg iron + 400 mcg folic acid
		115	multiple micronutrients	sachet	
		116	retinol (vitamin A)	tablets/ capsules	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)
		117	zinc sulphate	dispersible tablets	20 mg
		118	vitamin K	injection	10 mg
		119	B complex (B1, B6 and B12)	tablets	
		120	multivitamins	tablets	
T	Dermatologicals	121	benzyl benzoate	lotion	5% & 25%
		122	permethrin	cream, lotion	5%w/w

EML for RHCs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		123	calamine	lotion	15%
		124	coaltar	lotion	5%
		125	hydrocortisone	cream	1%
		126	salicylic acid	solution	5%
		127	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000iu/g + 500iu/g
		128	silver sulphadiazine	cream	1%
		129	sodium thiosulphate	solution	15%
U	Contraceptives	130	condoms		
		131	ethynodiol diacetate + norethisterone enanthate	CO pills	35mcg + 1mg
		132	levonorgestrel	PO pills	30 mcg
			levonorgestrel	EC pills	750 mcg (pack of 2)
		133	copper T / multiload	IUCD	
		134	DMPA (medroxyprogesterone acetate)	injection	150 mg/ 1ml
		135	norethisterone enanthate	injection	200 mg/ml in 1ml
		136	estradiol cypionate + medroxyprogesterone acetate	injection	5 mg + 25 mg
V	Vaccines & Sera	137	BCG vaccine		WHO approved/ as per national epi program guidelines
		138	polio vaccine (OPV trivalent)/IPV	oral/ injection	
		139	hepatitis B vaccine		
		140	measles vaccine		
		141	tetanus toxoid		
		142	pentavalent vaccine		
		143	pneumococcal vaccine		
		144	anti-rabies vaccine (PVRV)	single dose vial	>2.5 IU
		145	anti-snake venom serum		
W	Miscellaneous	146	tranexamic acid	injection	250mg, 500mg /5ml
		147		caps	250mg, 500mg
X	Anxiolytics		alprazolam	tablets	0.5 mg
		148	diazepam	tablets	2 mg

EML for RHCs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
Y	Antiseptics/ Disinfectants Only chlorine based compound in stable dry granular form	149	povidone-iodine	solution	10 %w/v
		150	halogenated sodium phosphate	powder	100gms
		151	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		152	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
Z	Disposable Supplies	153	syringe (autodisable)	sterile packs	1cc and 5cc
		154	I.V sets	sterile packs	DRAP approved
		155	scalp vein set	sterile packs	DRAP approved
		156	volumetric chamber (I.V. burette)	sterile packs	box of 100 (small, medium and large size) [1:2:1]
		157	I.V canula (DRAP approved)	sterile packs	16g, 20g, 24g
		158	adhesive tape (hypoallergenic)	roll	1, 2 inch
		159	sterile gauze dressing		7.5 x 7.5 cm (10 ply)
		160	cotton bandage	roll	6.5cm x 2m
		161	absorbent cotton wool	pack	500gm
		162	crepe bandage		7.5, 10 cm x 2.7m
		163	examination gloves	pairs	box of 100
		164	sterile surgical gloves	pairs	6, 6½, 7, 7½
		165	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0
		166	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		167	face masks disposable		
		168	blood lancets	sterile packs	
		169	slides		
		170	urinary catheter	sterile packs	8 - 12
		171	Foley's catheter	sterile packs	12 - 20
		172	nasogastric tube		adult / paediatric

EML for RHCs

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		173	clean delivery kits	sterile packs	<ul style="list-style-type: none"> •1 bath soap, 50 gram wrapped •1 apron •2 paper towel •2 pairs of latex examination gloves (m) •1 plastic under sheet (about one square meter) •1 under pads 60cmx90cm •2 alcohol pads •2 packs of sponges (4 sponge) •1 sterile bulb sucker •2 sterile umbilical cord clamp •1 sterile surgical blade •2 cotton thread (cord ties) •1 maternity pad •1 white poly bag for disposal •1 unbleached dignity drape 1 instruction sheet



Indicates similar clinical performance within a pharmacological class



Indicates that there is an age or weight restriction on use of the medicine



Signifies that there is a specific indication for restricting its use to children

Emergency Tray for RHC			
Sr#	Items Name	Strength	Qty
1	injection dobutamine	50 mg/ml	5
2	injection tranexamic acid	250mg/5ml	10
3	injection furosemide	10mg/ml	10
4	injection calcium gluconate	100 mg/ml in 10-ml	10
5	injection dimenhydrinate	50mg/ml	10
6	injection sodium bicarbonate	8.4%W/V , 25ml	10
7	injection potassium chloride	11.2% in 20-ml ampoule	5
8	injection atropine	1mg/1ml	10
9	injection adrenaline	0.1mg/ml	10
10	injection diazepam	5mg/ml	10
11	injection diclofenac sodium	25mg/ml	10
12	injection plasma expander	500ml	5
13	injection hydrocortisone sodium	100mg and 250mg	20 (1:1)
14	injection ranitidine	25mg/ml	10
15	injection aminophylline	25mg/ml	10
16	injection lidocaine	2% W/V , 10ml	10
17	water for injection,	5ml	5
18	injection 25% DW	25ml ampoule	10
19	ringer lactate infusion	1000ml	10
20	dextrose infusion	10%,500ml	10
21	normal saline infusion	1000ml	10
22	normal saline with dextrose infusion	5%, 1000ml	10
23	lidocaine	gel	5
24	cotton roll BPC	500gms	5
25	cotton bandage BPC	4,6inch	24
26	D/S (AD)	5 cc	10
27	D/S	10CC	5
28	D/S	1CC	5
29	D/S	20Cc	1
30	volumetric chamber (I.V. Burette)		5
31	IV set		45

Emergency Tray for RHC			
32	IV Cannula	16 G, 18G, 20G, 22G, 24G	25 (1:1:2:2:1)
33	ETT	(3 mm, 3.5 mm, 4 mm, 7.5 mm, 8 mm,)	10
34	Foleys catheter	all sizes (10 F to 28 F)	10
35	NG Tube	(14-18 Fr, infant/child: 10-14 Fr)	12

EML for THQ

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
A	Anaesthetics Local	1	halothane	inhalation	
	Complementary List	2	isoflurane	inhalation	
		3	lidocaine (hydrochloride) 	vial/ ampoule	5% (hydrochloride) in 2-ml ampoule to be mixed with 7.5% glucose solution.
		4	lignocaine + epinephrine (adrenaline)	dental cartridge	2% + 1:80 000
		5	ephedrine (hydrochloride)	ampoule	30 mg in 1-ml
B	Analgesics Opioid	6	morphine (sulphate or hydrochloride)	ampoule	10 mg 1-ml
	Analgesics / NSAIDs	7	pethidine (hydrochloride)	ampoule	50 mg/ml in 2ml
C		8	acetylsalicylic acid (dispersible)	dispersible tablets	300 mg
		9	mefenamic acid	tablets	250 mg
		10	diclofenac (sodium)	tablets	50 mg
				ampoule	75 mg in 3ml
		11	ibuprofen 	tablets	200mg, 400 mg
				syrup	200 mg/5ml
		12	naproxen	tablets	250, 500 mg
		13	paracetamol	tablets	500 mg
				syrup	125 mg / 5ml
				suppository	100 mg
D	Medicines to treat gout	14	allopurinol	tablets	100 mg and 300mg
E	Antiallergics and Medicines used in Anaphylaxis	15	chlorpheniramine (hydrogen maleate) 	tablets	4 mg
			syrup 	2 mg /5 ml	
		16	cetirizine	tablets	10 mg
				syrup	5 mg / 5ml
		17	loratadine	tablets	10 mg
				syrup	1 mg/ml
		18	promethazine (HCL)	tablets	25 mg
				syrup	25 mg/5ml
				injection	25 mg/ml in 2ml

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
E	Antidotes and Other Substances used in Poisonings	19	dexamethasone (disodium phosphate)	injection tablets	4 mg / ml 0.5 mg
		20	epinephrine (adrenaline)	ampoule	1 mg /ml
		21	hydrocortisone (sodium succinate)	injection	100, 250 mg
		22	prednisolone	tablets	5 mg
		23	atropine (sulfate)	ampule	1 mg in 1ml
F	Antidotes and Other Substances used in Poisonings	24	charcoal activated	powder	
		25	methylthioninium chloride (methylene blue)	ampoule	10mg/ml -in 10ml
		26	naloxone (hydrochloride)	ampoule	400 mcg in 1ml
		27	carbamazepine	tablets	200 mg
				syrup	100mg / 5ml
		28	magnesium sulphate	injection	500mg/ml
G	Antiepileptics Anticonvulsants <i>For Eclampsia only</i>	29	phenobarbital (sodium)	tablets	30 mg
				injection	200 mg /ml
		30	phenytoin (sodium)	tablets	100 mg
				syrup	30 mg/5 ml
		31	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet	250mg, 500 mg
				powder for suspension	125mg & 250mg /5ml
				injection	250mg, 500 mg
H	ANTI-INFECTIVES Antibiotics/ Antimicrobials	32	ampicillin (sodium)	capsules	250mg, 500 mg
				powder for suspension	125mg & 250 /5ml
				injection	500 mg and 1 g
		33	amoxicillin + clavulanic acid	tablets	375 mg
				syrup	125 mg amoxicillin + 31.25 mg clavulanic acid/5 ml and 250 mg amoxicillin + 62.5 mg clavulanic acid/5 ml
				injection	1 gm

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	<p><i>Only listed for single-dose treatment of uncomplicated ano-genital gonorrhoea.</i></p> <p><i>Recommended for use in combination regimens for eradication of H. Pylori in adults.</i></p>	34	benzyl penicillin (potassium)	injection ©	600 mg (= 1 million iu); 3 g (= 5 million iu) (sodium or potassium salt) in vial
		35	cloxacillin	capsules	250mg, 500 mg
				powder for suspension ©	125mg & 250mg /5ml
		36	cefixime* (trihydrate)	capsules	400 mg
		37	ceftriaxone (sodium) ♦	powder for injection	250mg, 500mg, 1gm
		38	ciprofloxacin (hydrochloride) □	tablets	250mg, 500 mg
		39	azithromycin □	capsules	250mg, 500 mg
				suspension	125mg / 5ml in 22.5ml
		40	clarithromycin	tablets	500 mg
		41	clindamycin (hydrochloride) (phosphate)	capsules	150mg, 300mg
				injection	150mg / ml
		42	cotrimoxazole ♦ (sulfamethoxazole + trimethoprim)	tablets ©	400 mg + 80 mg
				syrup ©	200mg + 40mg/5 ml
		43	doxycycline (hydiate) ♦	capsules ©	100 mg
				syrup ©	25mg / 5ml
		44	gentamicin (sulfate) □	injection	40 mg, 80 mg
		45	levofloxacin	tablets	250 mg, 500 mg
		46	metronidazole □ (benzoate)	tablets	200 mg, 400 mg
				injection	500 mg in 100-ml
				syrup	200 mg / 5ml
		47	nitrofurantoin	tablets	100 mg
		48	procaine benzyl penicillin	injection	1, 3 m iu
		49	Phenoxyethyl penicillin (potassium)	tablets	250, 500 mg
				syrup	125 mg / 5ml

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
I	Antihelminthic	50	albendazole	tablets	200 mg
				syrup	100 mg / 5ml
		51	mebendazole (chewable)	tablets	500 mg (<i>with caution only for adults</i>)
		52	pyrantel (pamoate)		250 mg
			syrup	250 mg / 5ml	
J	Anti-Fungal	53	clotrimazole	vaginal cream	1%
				vaginal tablet	100mg, 500 mg
		54	fluconazole 	capsules	50 mg
				injection	2 mg/ml
				syrup	50 mg/5 ml
		55	nystatin	tablets	500,000 iu
				drops 	100,000 iu/ml
K	Antiherpes Medicines	56	acyclovir 	tablets	200 mg
L	Antileishmaniasis Medicines	57	amphotericin B	injection	50 mg in vial
		58	sodium stibogluconate	injection	100 mg/ml in 30ml vial
M	Anti-Tuberculosis Drugs As per TB Control Program guidelines	59	ethambutol	tablets	400 mg
				oral liquid 	25 mg/ml
		60	isoniazid	tablets/syrup 	50mg, 100mg, 300 mg
		61	pyrazinamide	tablets	500 mg
		62	rifampicin	capsule/syrup 	150mg, 300mg, 450mg,600mg
		63	streptomycin	injection	1 gm
		64	ethambutol + isoniazid	tablets	400mg + 150 mg
		65	isoniazid + rifampicin	tablets	75mg + 150mg; 150mg + 300mg
		66	isoniazid + pyrazinamide + rifampicin	tablets	75mg + 400mg + 150 mg.
		67	rifampicin + isoniazid + pyrazinamide + ethambutol	tablets	150mg+75mg+ 400mg+275 mg
		68	ethambutol + isoniazid + rifampicin	tablets	275mg + 75mg + 150 mg
N	Anti-Diabetics	69	glibenclamide	tablets	5 mg
		70	metformin (hydrochloride)	tablets	500 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		71	insulin regular	injection	100 iu / ml
		72	insulin comp	injection	30 + 70 % w/v
O	Antimalarial <i>For Vivax</i> <i>For Falciparum</i> <i>To Be Used In Combination (Coblister)</i> <i>Management Of Severe Malaria</i>	73	chloroquine (phosphate or sulfate)	tablets	150 mg
		74	primaquine (diphosphate)	tablets	15 mg
		75	sulfadoxine + pyrimethamine	tablets	500mg + 25 mg
		76	artesunate plus sulfadoxine and pyrimethamine	tablets	coblister of (6+2) tablet - two large tablets each has sulfadoxine 500mg U.S.P. + pyrimethamine 25mg U.S.P and six small tablets, each contains artesunate 50mg U.S.P.
			artesunate plus sulfadoxine and pyrimethamine	tablets	coblister of (6+3) tablets- three large tablets, each has sulfadoxine 500mg U.S.P.+ pyrimethamine 25mg U.S.P.- six small tablets, each contains artesunate 100mg U.S.P.
		77	artemether	ampule	80 mg/ml in 1-ml
		78	artemether + lumefantrine	tablets ©	20 mg + 120 mg
		79	hyoscine (butylbromide)	injection	20 mg/ml
				tablets	10 mg
P	GIT Drugs	80	phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg
		81	metoclopramide (hydrochloride) ♣	tablets	10 mg
				syrup	5 mg / 5ml
				injection	20 mg/ml
		82	omeprazole □	capsules	10mg, 20mg, 40mg
				injection	20mg
		83	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
<i>Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea</i>		84	ORS (low osmolarity)	sachet	dry mixture (low osmolarity formula) in sachet for 1 liter of solution ,each sachet contains glucose anhydrous 13.5gm B.P , trisodium citrate dihydrate 2.9 gm b.p , potassium chloride1.5gm B.P , sodium chloride 2.6gm B.P.
		85	bisacodyl	tablets	5 mg
		86	glycerin	suppository	
		87	magnesium oxides and hydroxides	suspension	7.9 %w/v
Q	Cardiovascular Drugs <i>For severe PIH only</i> <i>For severe PIH only</i>	88	acetylsalicylic acid	tablets	100 mg
		89	digoxin	tablets	62.5, 250mcg
				injection	250mcg /ml in 2ml
		90	dopamine (hydrochloride)	injection	40 mg/ml in 5ml vial
		91	glyceryl trinitrate	sublingual	500 mcg
		92	hydralazine (hydrochloride)	injection	20 mg
				tablets	25mg, 50 mg
		93	isosorbide dinitrate	sublingual	5 mg
		94	methyldopa	tablets	250mg, 500 mg
				injection	250 mg
R	Diuretics <i>For severe PIH only</i>	95	propanolol	tablets	10mg, 40mg, 80 mg
		96	furosemide	tablets	20mg, 40 mg
				injection	10 mg
		97	hydrochlorothiazide	tablets	12.5mg, 25 mg
		98	spironolactone	tablets	25 mg
S	Antivirals for Hepatitis	99	interferon alpha	injection	3 miu
		100	ribavirine	tablets	200mg, 400mg, 600 mg
T	Medicines affecting coagulation	101	heparin sodium	injection	1000, 5000, 20000 iu/ml
		102	tranexamic acid	injection	100 mg/ml in 10-ml
				capsules	250mg, 500mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		103	warfarin (sodium)	tablets	1mg, 2mg, 5 mg
U	Oxytocic Drugs	104	ergometrine ((hydrogen maleate)	injection	200 mcg in 1ml
		105	misoprostol	tablets	200 mcg
		106	oxytocin	injection	10 iu in 1-ml
V	Respiratory Drugs	107	aminophylline	injection	25mg/ml in 10ml
				tablets	100 mg
		108	beclomethasone (dipropionate)	inhaler	50 mcg/actu
		109	salbutamol (sulfate)	tablets	2mg, 4 mg
				inhaler	100 micrograms
				injection	50 micrograms in 5ml
W	Ophthalmic	110	dexamethosone	eye drops	0.1 %w/v
		111	gentamicin (sulfate)	eye drops	0.30%
		112	homatropine (hydrobromide)	eye drops	0.1, 0.5 %
		113	pilocarpine (hydrochloride or nitrate)	eye drops	2%; 4%
		114	tetracycline (hydrochloride)	eye ointment	1%
				eye drops	0.50%
		115	polymyxin B sulphate+lignocaine	ear drops	each ml is containing polymyxin b (sulphate):10000iu +propylene glycol:0.92ml+lignocaine:50mg;5ml plastic bottle.
		116	polymyxin B (sulphate)+ bacitracin zinc	eye ointment	10000iu/g + 500iu/g
		117	tetracaine (hydrochloride)	drops	0.50%
		118	timolol (hydrogen maleate)	eye drops	0.25%; 0.5%
X	ENT	119	boroglycerine	ear drops (only for wax removing)	40%
		120	ciprofloxacin	ear drops	0.30%
		121	polymyxin B sulphate+lignocaine	ear drops	each ml is contains polymyxin B (sulphate):10000 IU/ml,lignocaine:50

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
					mg/ml;5ml plastic bottle.
		122	ephedrine	nasal drops	0.5%
		123	lignocaine	topical solution	4%
		124	saline nasal drops	nasal drops	0.9%
		125	Xylometazoline(HCL)  	nasal spray	0.05%
Y	I/V Infusions Plasma Substitutes	126	plasma expander	infusion	dextran 6 %w/v, glucose 5 %w/v
		127	glucose / dextrose	infusion	5%, 10, %
				ampule	25%
		128	half normal saline (sodium chloride)	infusion	0.45%w/v
		129	normal saline (sodium chloride)	infusion	0.9%
		130	dextrose + saline	infusion	5 % + 0.9% w/v
		131	ringer's lactate 	infusion	infusion,1000ml contains calcium chloride 0.2gm U.S.P potassium chloride 0.3gm U.S.P sodium chloride U.S.P 6 gm U.S.P sodium lactate 3.1gm U.S.P, sterile water for injection 1000ml (q.s.), 1000ml <i>collapsible plastic bottle</i>
		132	mannitol	infusion	10% and 20 %w/v (500ml)
		133	water for injection	ampule	5 ml, 10 ml
Z	Dermatologicals	134	benzyl benzoate  	lotion	5% & 25%
		135	betamethasone  	cream / ointment	0.1%
		136	calamine 	lotion	15%
		137	coaltar	lotion	5%
		138	hydrocortisone 	cream	1%
		139	permethrin	cream / lotion	5 % / 1 %
		140	salicylic acid	solution	5%
		141	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000iu/g + 500iu/g

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		142	silver sulphadiazine +	cream	1%
		143	sodium thiosulphate	solution	15%
AA	Vitamins & Minerals <i>For Acute Diarhoea</i>	144	ascorbic acid	tablets	50mg, 100mg, 500 mg
		145	calcium gluconate	injection	100 mg/ml in 10- ml
		146	calcium lactate	tablets	500mg, 1gm
		147	ergocalciferol (vitamin D) □	tablets	1.25 mg (50 000 iu)
		148	ferrous salt (fumarate)	tablets	equ 60 mg
				syrup	equ 25 mg/ml
		149	folic acid	tablets	0.5mg, 1mg & 5mg
		150	ferrous salt + folic acid	tablets	tablet, equivalent to 60 mg iron + 400 mcg folic acid
		151	vitamin K	injection	10 mg
		152	hydroxocobalamin	ampule	1 mg in 1ml
		153	multiple micronutrients	sachet	
		154	retinol (vitamin a)	tablets/ capsules	50 000 iu; 100 000 iu; 200 000 iu (as palmitate)
		155	zinc sulphate	dispersible tablets	20 mg
		156	B complex (B1, B6 And B12)	tablets	DRAP approved
		157	multivitamins	tablets	
AB	Contraceptives	158	condoms		
		159	ethynodiol diacetate + norethisterone enanthate	CO pills	35mcg + 1mg
		160	levonorgestrel □	PO pills	30 mcg
		161	levonorgestrel	EC pills	750 mcg (pack of 2)
		162	copper T / multiload	IUCD	
		163	DMPA (medroxyprogesterone acetate)	injection	150 mg/ 1ml
		164	norethisterone enanthate	injection	200 mg/ml in 1ml
		165	estradiol cypionate + medroxyprogesterone acetate	injection	5 mg + 25 mg
		166	levonorgestrel- releasin g implant	sub dermal implant	2 rod 75mg each (use life: 5 years)

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		167	etongoestrel- releasing implant	sub dermal implant	1 rod 68mg each (use life: 3 years)
AC	Vaccines & Sera	168	BCG vaccine		WHO approved/as per national EPI program
		169	polio vaccine (OPV trivalent)/IPV	oral/ injection	
		170	hepatitis B vaccine		
		171	measles vaccine		
		172	tetanus toxoid		
		173	pentavalent vaccine		
		174	pneumococcal vaccine		
		175	meningococcal vaccine		
		176	anti-rabies vaccine (PVRV)	single dose vial	>2.5 iu
		177	anti-snake venom serum		
		178	anti d immunoglobulin (human)	single dose vial	250 micrograms
		179	diphtheria antitoxin	vial	10 000 iu; 20 000 iu
		180	tetanus immunoglobulin (human)	injection	500 iu in vial
		181	rabies immunoglobulin (human)	vial	150 iu/ml
AD	Medicines for Mental & Behavioral Disorders Tranquilizers	182	chlorpromazine  (hydrochloride)	injection	25mg in 2ml
				tablets	100 mg
		183	alprazolam	tablets	0.5 mg
		184	diazepam	tablets	2mg, 5mg
				injection	10mg
AE	Antiseptics/ Disinfectants Only chlorine based compound in stable dry granular form	185	povidone-iodine	solution	10 %w/v
			halogenated natrium phosphate	powder	100gms
		186	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
	Antiseptics for Cord care	187	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
AF	Disposable Supplies	188	syringe (autodisable)	sterile packs	1cc, 5cc
		189	I.V sets	sterile packs	DRAP approved
		192	scalp vein set DRAP approved	sterile packs	DRAP approved

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		193	volumetric chamber (I.V burette)	sterile packs	100 ml size
		194	I.V canula (DRAP approved)	sterile packs	16g, 20g, 24g
		195	adhesive tape (hypoallergenic)	roll	1, 2 inch
		196	sterile gauze dressing		7.5 x 7.5 cm (10 ply)
		197	cotton bandage	roll	6.5cm x 2m
		198	absorbent cotton wool	pack	500gm
		199	crepe bandage	roll	7.5, 10 cm x 2.7m
		200	examination gloves	pairs	box of 100 (small, medium and large size) [1:2:1]
		201	sterile surgical gloves	pairs	6, 6½, 7, 7½
		202	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0
		203	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		204	plaster of paris bandage	roll	10cm, 20cm x 6m
		205	face masks disposable		
		206	blood lancets	sterile packs	
		207	urinary catheter	sterile packs	8 - 12
		208	Foley's catheter	sterile packs	12 - 20
		209	blood bags	sterile packs	
		210	slides		
		211	Nasogastric(NG) tube	sterile packs	adult / paed

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		212	clean delivery kits	sterile packs	<ul style="list-style-type: none"> •1 bath soap, 50 gram wrapped •1 apron •2 paper towel •2 pairs of latex examination gloves (m) •1 plastic under sheet (about one square meter) •1 under pads 60cmx90cm •2 alcohol pads •2 packs of sponges (4 sponge) •1 sterile bulb sucker •2 sterile umbilical cord clamp •1 sterile surgical blade •2 cotton thread (cord ties) •1 maternity pad •1 white poly bag for disposal •1 unbleached dignity drape 1 instruction sheet
AL	Radiocontrast Media	213	amidotrizoate	injection	140 to 420 mg iodine /ml in 20 ml
		214	barium sulfate	aqueous suspension	
		215	iohexol	injection	140 mg to 350 mg iodine/ml in 5- ml; 10- ml; 20- ml ampoules.
AM	Dental Materials				

-  Indicates similar clinical performance within a pharmacological class
 Indicates that there is an age or weight restriction on use of the medicine
 Signifies that there is a specific indication for restricting its use to children

EML for DHQ

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
A	Anaesthetics General	1	halothane / isoflurane	inhalation	
		2	nitrous oxide	inhalation	
		3	oxygen (medicinal gas) cylinder	inhalation	
		4	ketamine (hydrochloride)	injection	50mg /ml in 10ml
		5	thiopental (sodium)	injection	10 mg/ml; 20 mg/ml
B	Muscle Relaxants	6	atracurium (besylate) 	injection	10 mg/ml
		7	neostigmine (metilsulfate) (bromide)	injection	2.5 mg in 1ml
				tablets	15 mg
		8	suxamethonium (chloride)	ampoule	50 mg /ml in 2-ml
C	Anaesthetics Local	9	bupivacaine (hydrochloride) 	vial	0.25%; 0.5%
			injection for spinal anaesthesia	ampoule	(5mg/ml) 0.5% in 4-ml
		10	lidocaine (hydrochloride) 	vial/ ampoule	5% (hydrochloride) in 2-ml ampoule to be mixed with 7.5% glucose solution.
					2%gel, 4%solution
		11	lignocaine + epinephrine (adrenaline)	injection	2% + 1:200 000
		12	lignocaine + epinephrine (adrenaline)	dental cartridge	2% + 1:80 000
		13	ephedrine (hydrochloride)	ampoule	30 mg in 1-ml
D	Analgesics Opioid	14	pentazocine	ampoule	30 mg/ml
		15	pethidine (hydrochloride)	ampule	50 mg/ml in 2ml
E	Analgesics / NSAIDs	16	acetylsalicylic acid	dispersible tablets	300 mg
				suppository	50 mg to 150 mg
		17	mefenamic acid	tablets	250 mg
		18	diclofenac (sodium)	tablets	50 mg
				ampoule	75 mg in 3ml
		19	naproxen	tablets	250mg, 500 mg
		20	meloxicam	tablets	7.5mg, 15 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		21	ibuprofen ✶	tablets	200mg, 400 mg
				syrup	200 mg/5ml
		22	paracetamol	tablets	500 mg
				syrup	125 mg / 5ml
				suppository	100 mg
F	Medicines to treat Gout	23	allopurinol	tablets	100 mg
G	Antiallergics and Medicines used in Anaphylaxis	24	chlorpheniramine (hydrogen maleate) ◻ ✶	tablets	4 mg
				syrup ◉	2 mg / 5 ml
		25	cetirizine	tablets	10 mg
				syrup	5 mg / 5ml
		26	loratadine	tablets	10 mg
				syrup	1 mg/ml
		27	promethazine (HCL)	tablets	25 mg
				syrup	25 mg/5ml
				injection	25 mg/ml in 2ml
		28	dexamethasone (disodium phosphate)	injection	4 mg / ml
				tablets	0.5 mg
		29	epinephrine (adrenaline)	ampule	1 mg /ml
		30	hydrocortisone (sodium succinate)	injection	100mg, 250 mg
		31	prednisolone ◻	tablets	5 mg
H	Antidotes and Other Substances used in Poisonings	32	atropine (sulfate) ò	ampule	1 mg in 1ml
		33	charcoal activated	powder	
		34	methylthioninium chloride (methylene blue)	ampule	10mg/ml -in 10ml
		35	naloxone (hydrochloride)	ampule	400 mcg in 1ml
I	Antiepileptics Anticonvulsants <i>For Eclampsia only</i>	36	carbamazepine	tablets	200 mg
				syrup	100mg / 5ml
		37	magnesium sulphate	injection	500mg/ml
		38	phenobarbital (sodium)	tablets	30 mg
				injection	200 mg /ml
		39	sodium valproate	tablets	125mg, 250mg, 500mg
				syrup	200 mg/5ml,

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
					250 mg/5ml
J	ANTI-INFECTIVES Antibiotics/ Antimicrobial <i>Reserved 2nd line</i> <i>Only listed for single-dose treatment of uncomplicated ano-genital gonorrhoea.</i> <i>Recommended for use in combination regimens for eradication of H. Pylori in adults.</i>	40	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet	250mg, 500 mg
				powder for suspension ©	125mg & 250mg /5ml
				injection	250 mg, 500 mg
		41	ampicillin (sodium)	capsules	250mg, 500 mg
				powder for suspension ©	125mg & 250mg /5ml
				injection	500 mg and 1 g
		42	amikacin (sulfate)	injection	500mg, 1gm
		43	azithromycin □	capsules	250mg, 500 mg
				suspension	125mg / 5ml in 22.5ml
		44	amoxicillin + clavulanic acid	tablets	375 mg
				injection	1 gm
		45	cloxacillin	capsules	250mg, 500 mg
				powder for suspension ©	125mg & 250 /5ml
		46	cefixime* (trihydrate)	capsules	400 mg
		47	ceftriaxone (sodium) ♦	powder for injection	250mg, 500mg, 1gm
		48	ciprofloxacin (hydrochloride) □	tablets	250mg, 500 mg
		49	clarithromycin	tablets	500 mg
		50	clindamycin (hydrochloride) (phosphate)	capsules	150mg, 300mg
				injection	150mg / ml
		51	cotrimoxazole ♦ (sulfamethoxazole + trimethoprim)	tablets ©	400mg + 80 mg
				syrup ©	200mg + 40mg/5 ml
		52	doxycycline (hyolate) ♦	capsules ©	100 mg
				syrup ©	25mg / 5ml
		53	erythromycin	tablets	250mg, 500mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
for MDR-TB			(stearate or estolate or ethyl succinate)	syrup	125 mg / 5ml
		54	flucloxacillin (floxacillin sodium)	injection	250mg, 500 mg
				capsules	250mg, 500 mg
		55	gentamicin (sulfate) 	injection	40mg, 80 mg
		56	kanamycin (sulfate)	injection	500mg, 1gm
		57	levofloxacin	tablets	250mg, 500 mg
		58	metronidazole  (benzoate)	tablets	200mg, 400 mg
				injection	500 mg in 100-ml
				syrup	200 mg / 5ml
		59	nitrofurantoin	tablets	100 mg
		60	phenoxyethyl penicillin (potassium)	tablets	250, 500 mg
				syrup	125 mg / 5ml
		61	vancomycin (HCL)	injection	500 mg
K	Antihelminthic	62	albendazole	tablets	200 mg
				syrup	100 mg / 5ml
		63	mebendazole	tablets	500 mg (with caution only for adults)
		64	pyrantel (pamoate)	tablets	250 mg
				syrup	250 mg / 5ml
L	Anti-Fungal	65	clotrimazole	vaginal cream	1% w/v
				vaginal tablet	100, 500 mg
		66	fluconazole 	capsules	50 mg
				injection	2 mg/ml
		67	nystatin	syrup	50 mg/5 ml
				tablets	500,000 iu
				drops 	100,000 iu/ml
				vaginal tablets	100 000 iu
M	Anti-Tuberculosis Drugs As per TB Control Program guidelines	68	ethambutol	tablets	400 mg
				oral liquid 	25 mg/ml
		69	isoniazid	tablets/ syrup 	50mg, 100mg, 300 mg
		70	pyrazinamide	tablets	500 mg
		71	rifampicin	caps / syrup 	150mg, 300mg, 450mg,600mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		72	streptomycin	injection	1 gm
		73	ethambutol + isoniazid	tablets	400mg + 150 mg
		74	isoniazid + rifampicin	tablets	75mg + 150mg; 150mg + 300mg
		75	isoniazid + pyrazinamide + rifampicin	tablets	75mg + 400mg + 150 mg.
		76	rifampicin + isoniazid + pyrazinamide + ethambutol	tablets	150mg+75mg+ 400mg+275 mg
		77	ethambutol + isoniazid + rifampicin	tablets	275mg + 75mg + 150 mg
N	Antiherpes Medicines	78	acyclovir	tablets	200 mg
O	Antileishmaniasis Medicines	79	amphotericin B	injection	50 mg in vial
		80	sodium stibogluconate	injection	100 mg/ml in 30ml vial
P	Anti-Diabetics	81	glibenclamide	tablets	5 mg
		82	metformin (hydrochloride)	tablets	500 mg
		83	insulin regular	injection	100 iu / ml
		84	insulin comp	injection	30 + 70 % w/v
Q	Antimalarial For Vivax For Falciparum To Be Used In Combination (Coblister)	85	chloroquine (phosphate or sulfate)	tablets	150 mg
		86	primaquine (diphosphate)	tablets	15 mg
		87	sulfadoxine + pyrimethamine	tablets	500 mg + 25 mg
		88	artesunate plus sulfadoxine and pyrimethamine	tablets	Co-blister of (6+2) tablet - two large tablets each has sulfadoxine 500mg U.S.P. + pyrimethamine 25mg U.S.P and six small tablets, each contains artesunate 50mg U.S.P.
	Management Of Severe Malaria		artesunate plus sulfadoxine and pyrimethamine	tablets	Co-blister of (6+3) tablets- three large tablets, each has sulfadoxine 500mg U.S.P.+ pyrimethamine

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
					25mg U.S.P.- six small tablets, each contains artesunate 100mg U.S.P.
		89	artemether	ampule	80 mg/ml in 1-ml
		90	artemether + lumefantrine	tablets ©	20 mg + 120 mg
R	GIT Drugs <i>Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea</i>	91	hyoscine (butylbromide)	injection tablets	20 mg/ml 10 mg
		92	phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg
		93	metoclopramide (hydrochloride) ♦	tablets	10 mg
				syrup	5 mg / 5ml
				injection	5mg/ ml
		94	omeprazole □	injection	20 mg
		95	omeprazole	capsules	10mg, 20mg, 40mg
		96	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg
		97	ORS (low osmolarity)	sachet	dry mixture (low osmolarity formula) in sachet for 1 liter of solution; each sachet contains glucose anhydrous 13.5gm B.P. , trisodium citrate dihydrate 2.9 gm B.P , potassium chloride1.5gm B.P. , sodium chloride 2.6gm B.P.
		98	bisacodyl	tablets	5 mg
		99	glycerin	suppository	
		100	magnesium oxides and hydroxides	suspension	7.9 %w/v
S	Antivirals for	101	interferon alpha	injection	3 miu

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	Hepatitis	102			
			ribavirine	tablets	200mg, 400mg, 600 mg
			lamivudine	tablets	150 mg
T	Cardiovascular Drugs For severe PIH only For severe PIH only	104	acetylsalicylic acid	tablets	75mg, 100 mg
		105	bisoprolol	tablets	1.25 mg; 5 mg
		106	digoxin	tablets	62.5, 250mcg
				injection	250mcg /ml in 2ml
		107	dopamine (hydrochloride)	injection	40 mg/ml in 5ml vial
		108	dobutamine (hydrochloride)	injection	50mg/ml in 5ml
		109	enalapril (maleate)	tablets	2.5mg, 5 mg
		110	glyceryl trinitrate	sublingual	500 mcg
		111	hydralazine (hydrochloride)	injection	20 mg
				tablets	25mg, 50 mg
		112	isosorbide dinitrate	sublingual	5 mg
		113	methyldopa	tablets	250mg, 500 mg
				injection	250 mg
		114	propanolol	tablets	10mg, 40mg, 80 mg
		115	streptokinase	powder for injection	1.5 million iu
		116	simvastatin	tablets	5mg, 10mg , 20mg , 40mg
		117	verapamil (hydrochloride)	tablets	40 mg; 80 mg
U	Diuretics	118	furosemide	tablets	20mg, 40 mg
				injection	10 mg
		119	hydrochlorothiazide	tablets	12.5, 25 mg
		120	spironolactone	tablets	25 mg
V	Medicines affecting Coagulation	121	heparin (sodium)	injection	1000, 5000, 20000 iu/ml
		122	tranexamic acid	injection	100 mg/ml in 10-ml
				capsules	250mg, 500mg
		123	warfarin (sodium)	tablets	1, 2, 5 mg
W	Oxytocic Drugs	124	ergometrine (hydrogen maleate)	injection	200 mcg in 1ml

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		125	misoprostol	tablets	200 mcg
		126	oxytocin	injection	10 iu in 1-ml
X	Respiratory Drugs	127	aminophylline	injection	25mg/ml in 10ml
				tablets	100 mg
				syrup	32 mg/5ml
		128	ammonium chloride + chloroform + menthol + diphenhydramine + sodium citrate	antitussive expectorant	131.5mg/5ml + 22mg/5ml + 1mg/5ml + 13.5mg/5ml + 55mg/5ml
		129	beclomethasone (dipropionate)	inhaler	50 mcg/actu
		130	salbutamol (sulfate) 	tablets	2, 4 mg
				syrup	1 mg/5ml, 2 mg/5ml
				inhaler	100 micrograms
				injection	50 micrograms in 5ml
Y	Ophthalmic	131	dexamethosone	eye drops	0.1 %w/v
		132	gentamicin (sulfate) 	eye drops	0.30%
		133	homatropine (hydrobromide)	eye drops	0.1, 0.5 %
		134	pilocarpine (hydrochloride or nitrate)	eye drops	2%; 4%
		135	tobramycin	eye drops	3 %w/v
		136	moxifloxacin	eye drops	1 %w/v
		137	acyclovir	eye ointment	3 %w/w
		138	travoprost	eye drops	40 ug
		139	tropicamide	eye drops	1%w/v
		140	florocin	eye strips	
		141	ciprofloxacin	eye drops	
		142	polymyxin B (sulphate)+ bacitracin zinc	eye ointment	10000IU/g + 500IU/g
		143	tetracycline (hydrochloride) 	eye ointment	1%
				eye drops	0.50%
		144	tetracaine (hydrochloride)  	drops	0.50%
		145	timolol (hydrogen maleate) 	eye drops	0.25%; 0.5%

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
Z	ENT	146	boroglycerine	ear drops (only for wax removing)	40%
		147	ciprofloxacin	ear drops	0.30%
		148	polymyxin B sulphate+lignocaine	ear drops	each ml is contains polymyxin B (sulphate):1000 0 IU/ml,Lignocaine:50mg/ml;5ml plastic bottle.
		149	ephedrine	nasal drops	0.5%
		150	lignocaine	topical solution	4%
		151	saline nasal drops	nasal drops	0.9%
		152	xylometazoline  	nasal spray	0.05%
		153	plasma expander	infusion	dextran 6 %w/v, glucose 5 %w/v
AA	I/V Infusions Plasma Substitutes	154	glucose / dextrose	infusion	5, 10, %
		155		ampule	25%
		156	dextrose + saline	infusion	5 % + 0.9% w/v
		157	ringer's lactate 	infusion	infusion,1000ml contains calcium chloride 0.2gm U.S.P ,potassium chloride 0.3gm U.S.P., sodium chloride U.S.P. 6 gm U.S.P., sodium lactate 3.1gm U.S.P., sterile water for 1injection 1000ml (q.s.), 1000ml collapsible plastic bottle
		158	potassium chloride	solution	11.2% in 20- ml ampoule
		159	sodium bicarbonate	injection	1.4% isotonic
		160	mannitol	infusion	20 %w/v
		161	water for injection	ampule	5 ml, 10 ml

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
AB	Vitamins & Minerals <i>For Acute Diarhoea</i>	162	ascorbic acid	tablets	50mg, 100mg, 500 mg
		163	calcium gluconate	injection	100 mg/ml in 10- ml
		164	calcium lactate	tablets	500mg, 1gm
		165	ergocalciferol (vitamin D) ■	tablets	1.25 mg (50 000 iu)
		166	ferrous salt	tablets	equivalent to 60 mg
				syrup	equivalent to 25 mg/ml
		167	folic acid	tablets	0.5,1mg & 5mg
		168	ferrous salt + folic acid	tablets (DRAP approved)	tablet, equivalent to 60 mg iron + 400 mcg folic acid
		169	vitamin K	injection	10 mg
		170	hydroxocobalamin	ampule	1 mg in 1ml
		171	multiple micronutrients	sachet	
		172	retinol (vitamin A)	tablets/ capsules	50 000 iu; 100 000 iu; 200 000 iu (as palmitate)
		173	zinc sulphate	dispersible tablets	20 mg
		174	B complex (B1, B6 and B12)	tablets	DRAP approved
				syrup	
				injection	
		175	multivitamins	tablets	
AC	Dermatologicals	176	■ benzyl benzoate ♣	lotion	5% & 25%
		177	■ betamethasone ♣	cream / ointment	0.1%
		178	■ calamine	lotion	15%
		179	coaltar	lotion	5%
		180	■ hydrocortisone	cream	1%
		181	permethrin	cream / lotion	5 % / 1 %
		182	salicylic acid	solution	5%
		183	selenium sulfide	detergent- based suspension	2%
		184	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000iu/g + 500iu/g
		185	silver sulphadiazine ♣	cream	1%
		186	sodium thiosulphate	solution	15%

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
AD	Medicines for Mental & Behavioral Disorders Tranquilizers	187	amitriptyline (hydrochloride)	tablets	25 mg
		188	carbamazepine	tablets	100 mg; 200 mg
		189	chlorpromazine (hydrochloride) 	injection	25mg in 2ml
				tablets	100 mg
		190	clomipramine (hydrochloride)	tablets	10 mg; 25 mg
		191	olanzapine	tablets	5, 7.5 mg
		192	fluoxetine (hydrochloride)  	tablets	20 mg
		193	 fluphenazine (decanoate or enantate)	tablets	25 mg
		194	diazepam	tablets	2, 5mg
				injection	10mg
		195	alprazolam	tablets	0.5 mg
		196	bromazepam	tablets	3 mg%
AE	Contraceptives	197	condoms		
		198	ethynodiol diacetate  + Norethisterone 	co pills	35mcg + 1mg
		199	levonorgestrel 	po pills	30 mcg
			levonorgestrel	ec pills	750 mcg (pack of 2)
		200	copper T / multiload	iucd	
		201	medroxyprogesterone acetate (DMPA)	injection	150 mg /1ml
		202	norethisterone enanthate	injection	200 mg/ml in 1ml
		203	estradiol cypionate + medroxyprogesterone acetate	injection	5 mg + 25 mg
		204	levonorgestrel- releasing implant	sub-dermal implant	2 rod 75mg each (use life: 5 years)
		205	etonogestrel- releasing implant	sub-dermal implant	1 rod 68mg each (use life: 3 years)
AF	Vaccines & Sera	206	BCG vaccine		WHO approved/as per national EPI program
		207	polio vaccine (OPV trivalent)/ IPV	oral/ injection	
		208	hepatitis B vaccine		
		209	measles vaccine		
		210	tetanus toxoid		

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		211	pentavalent vaccine		
		212	pneumococcal vaccine		
		213	meningococcal vaccine		
		214	anti-rabies vaccine (PVRV)	single dose vial	>2.5 iu
		215	anti-snake venom serum		
		216	anti D immunoglobulin (human)	single dose vial	250 micrograms
		217	diphtheria antitoxin	vial	10 000 iu; 20 000 iu
		218	tetanus immunoglobulin (human)	injection	500 iu in vial
		219	rabies immunoglobulin (human)	vial	150 iu/ml
AG	Antiseptics/ Disinfectants Only chlorine based compound in stable dry granular form	220	povidone-iodine	solution	10 %w/v
		221	halogenated sodium phosphate	powder	100gms
		222	chloroxylenol		1.44%w/v,
		223	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		224	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
AH	Disposable Supplies	225	syringe (autodisable)	sterile packs	1cc, 5cc
		226	I.V sets	sterile packs	DRAP approved
		227	scalp vein set	sterile packs	DRAP approved
		228	volumetric chamber (I.V burette)	sterile packs	100 ml size
		229	I.V canula (DRAP approved)	sterile packs	16g, 20g, 24g
		230	adhesive tape (hypoallergenic)	roll	1, 2 inch
		231	sterile gauze dressing		7.5 x 7.5 cm (10 ply)
		232	cotton bandage	roll	6.5cm x 2m
		233	absorbent cotton wool	pack	500gm
		234	crepe bandage	roll	7.5, 10 cm x 2.7m
		235	examination gloves	pairs	box of 100 (small, medium and large size) [1:2:1]
		236	sterile surgical gloves	pairs	6, 6½, 7, 7½, 8

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		237	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0
		238	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		239	plaster of paris bandage	roll	10cm, 20cm x 6m
		240	face masks disposable		
		241	urinary catheter	sterile packs	8 - 12
		242	Foley's catheter	sterile packs	12 - 20
		243	blood bags	sterile packs	
		244	blood lancets	sterile packs	
		245	slides		
		246	endotracheal tube (ETT)	sterile packs	set of 12
		247	nasogastric(NG) tube		adult / paeds
		249	clean delivery kits	sterile packs	<ul style="list-style-type: none"> •1 bath soap, 50 gram wrapped •1 apron •2 paper towel •2 pairs of latex examination gloves (m) •1 plastic under sheet (about one square meter) •1 under pads 60cmx90cm •2 alcohol pads •2 packs of sponges (4 sponge) •1 sterile bulb sucker •2 sterile umbilical cord clamp •1 sterile surgical blade •2 cotton thread (cord ties) •1 maternity pad •1 white poly bag for disposal

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
					•1 unbleached dignity drape 1 instruction sheet
AI	Radiocontrast Media	250	amidotrizoate	injection	140 to 420 mg iodine /ml in 20 ml
		251	barium sulfate	aqueous suspension	
		252	iohexol	injection	140 mg to 350 mg iodine/ml in 5- ml; 10- ml; 20- ml ampoules.
AM	Dental Materials	253			

- Indicates similar clinical performance within a pharmacological class
 Indicates that there is an age or weight restriction on use of the medicine
 Signifies that there is a specific indication for restricting its use to children



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