



ESSENTIAL MEDICINES LIST



Department of Health Government of Balochistan



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Abstract

The Department of Health, Government of Balochistan, formally approached the USAID | DELIVER PROJECT in 2012, 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 to this request; they developed customized EMLs after detailed consultation with all stakeholders, including health and medical professionals from the WHO (Pakistan office), as well as the 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; they meet WHO standards and WHO Pakistan has endorsed them.

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ACRONYMS

BOD	burden of disease
CDC	Centers for Disease Control and Prevention
DOH	Department of Health
DRAP	Drug Regulatory Authority of Pakistan
EDL	Essential Drugs List
EML	Essential Medicines List
ENT	ear, nose, throat
EPI	Expanded Programme on Immunization
GIT	gastrointestinal
HCl	hydrochloride
HSRU	Health Sector Reform Unit
IDU	injecting drug user
INN	international non-proprietary names
IU	international unit
MDR	multidrug-resistance
MIU	million international units
MOH	Ministry of Health

ACRONYMS

MSW	male sex worker
NCD	non-communicable disease
NEML	National Essential Medicines List
PIH	pregnancy induced hypertension
PVRV	purified vero cell rabies vaccine
BPPR	Balochistan Public Procurement Rules
UNICEF	United Nations Children's Fund
USAID	U.S. Agency for International Development
WHO	World Health Organization
w/v	weight by volume

SYMBOLS AND TERMS

Note: The drugs listed in this medicines list are generic drugs; therefore, the names of the medicines are always written in lowercase letters.

The following symbols are used throughout this list of medicines:

- ▣ Primarily indicates similar clinical performance within a pharmacological class.
- ✦ Indicates that the medicine has an age or weight restriction.
- © Signifies a specific indication for restricting its use for children.

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

FOREWORD

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.



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Secretary
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Health Department

ACKNOWLEDGMENT

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 State 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 | Pakistan 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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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.

However, to ensure equitable access to quality medicines and to promote their rational use, developing countries still face challenges—even though governments, development agencies, and the World Health Organization (WHO) continue their efforts. Recently, the reforms in health sector financing, globalization, and economic recessions have shown improved access to essential medicines.

The publication, *WHO Model List of Essential Medicines (WHO 2011b)*, 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 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 WHO list is regularly updated with a selection of medicines that reflect new therapeutic options and changing therapeutic needs. It helps to ensure drug quality and to continue developing better medicines—medicines for emerging diseases and medicines to meet changing resistance patterns.

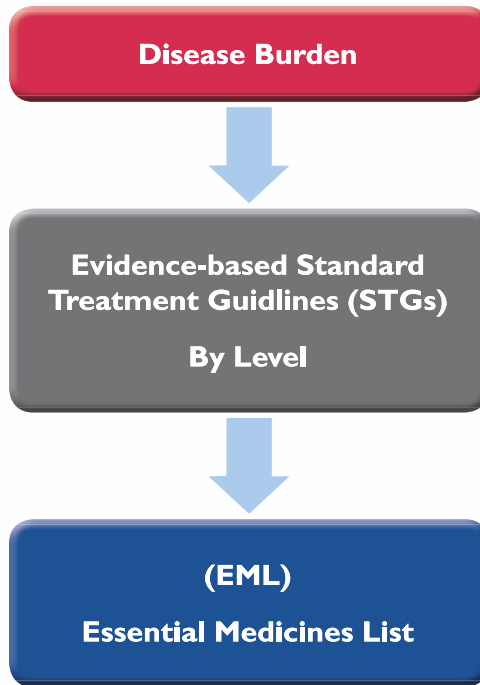
WHAT ARE ESSENTIAL MEDICINES?

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.”* This definition evolved from the first definition in 1977 (WHO 1977), which was adopted in the Alma-Ata Declaration of 1978 (WHO 1978). The main change has been the selection process—from an experts-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 name is used, they all 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 (see figure 1).

Figure 1. Development of Essential Medicines List



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 consultations 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 recommended on the list. Although the list was not followed exactly in practice, the concept remains the best cost-effective mechanism for the public procurement of drugs; therefore, using the EML should be encouraged.

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

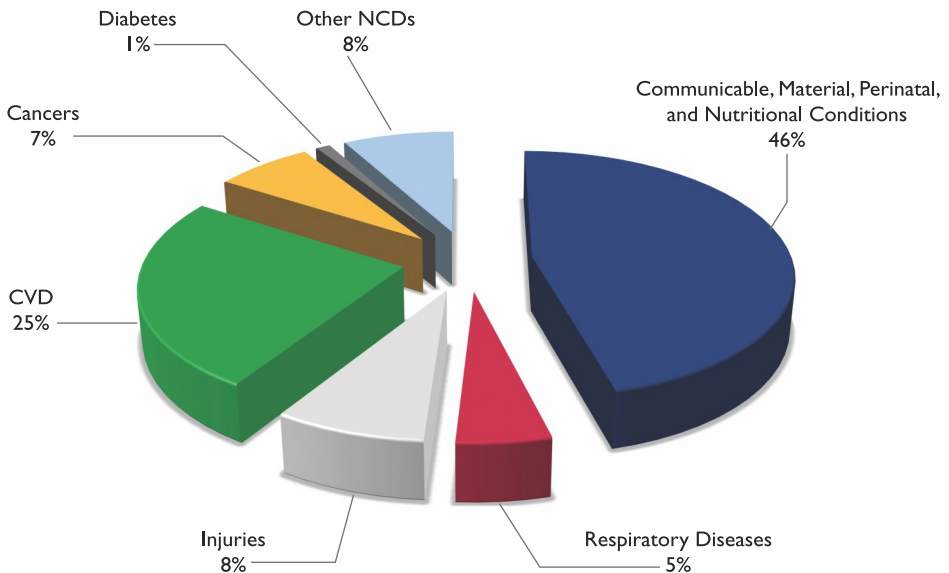
WHO discourages using the term Essential Drugs Lists (EDL) because the word Drugs is also commonly used for narcotics and other stimulant drugs. Therefore, WHO recommends using the title Essential Medicines List (EML).

PAKISTAN FACING A DOUBLE BURDEN OF DISEASE

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 (WHO 2013). 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 high ratio of children under 5 years, infant, and neonatal mortality (94, 78, and 54/1,000 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 of age 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), including cardiovascular disease, diabetes, cancer, injuries, and neuro-psychiatric disorders. This double BOD 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 percentage

mortality rates for Pakistan for 2008 estimates are represented in figure 2 (WHO 2011a).

Figure 2. Percentage of Total Deaths for All Ages in Pakistan



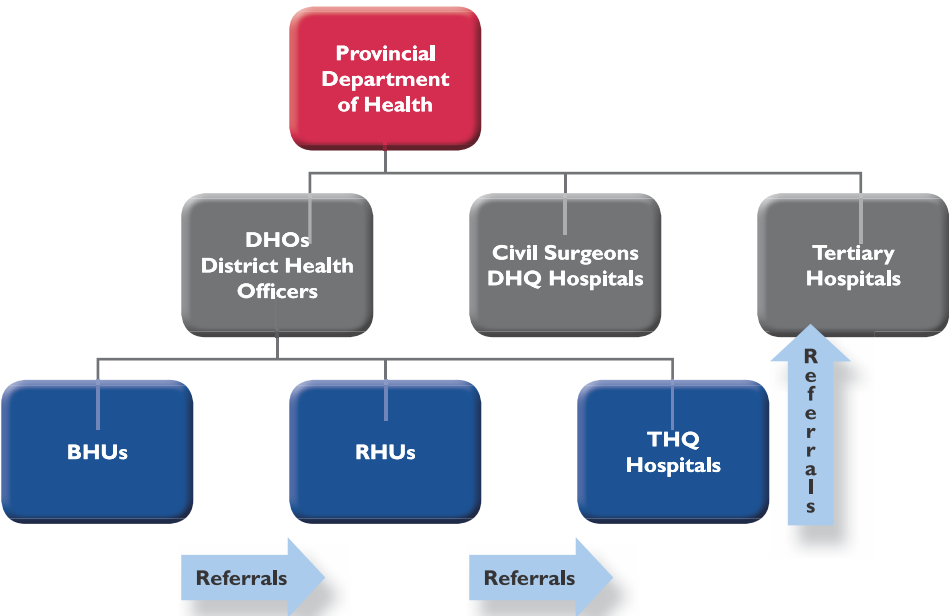
ACTIVITIES AND PROCESS ADOPTED TO DEVELOP EMLS

Extensive Internet research produced data and other available information, including websites for WHO, United Nations Children's Fund (UNICEF), Centers for Disease Control and Prevention (CDC), Department of Health (DOH) Balochistan, Balochistan Health Sector Reform Unit (HSRU), and many other relevant resource organizations. To access information on available EMLS and procurement lists, consultative meetings were held with the WHO Pakistan

team, as well as the provincial- and district-health officials. All the material/ information collected was reviewed; a completed situation analysis 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 on 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 WHO Pakistan; 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 (see figure 3). The recommendations from the workshop were incorporated and the Balochistan Health Department approved the lists for implementation across the province.

Figure 3. Structure of Provincial Health System



USING THE ESSENTIAL MEDICINES LIST

Use the EML for standardized procurement. The EML uses the international non-proprietary names (INN) classification, which is the official shortened scientific name or generic name of the medicine, based on the active ingredient. 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 it avoids mistakes in prescribing, dispensing, and ordering. Generic drugs/medicines are also usually much cheaper than proprietary drugs. Rule 10 of Balochistan Public Procurement Rules (BPPR) 2014 also prohibits the use of proprietary or brand names.

EMLs help simplify the quantification of drug requirements and the training for those 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 healthcare system; it lists 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 the potential for safe and cost-effective treatment.

	The square box  symbol primarily indicates similar clinical performance within a pharmacological class. The listed medicines are examples of the class with the best evidence for effectiveness and safety. In some cases, this may be the first medicine licensed for marketing; in other cases, subsequently licensed compounds may be safer or more effective. If the efficacy and safety data are the same, 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 based on the reviews of efficacy and safety and when consistent with WHO clinical guidelines.
	The  symbol indicates an age or weight restriction for the medicine; see table I for details for each medicine.
	The  symbol signifies a specific indication for restricting its use for children.

An entry on the EML carries no assurance of 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; one form is not preferred over another. Consult standard treatment guidelines 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 for 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 ductus arteriosus)
mefloquine	>5 kg or >3 months
metoclopramide	not for neonates
ondansetron	>1 month
saquinavir	>25 kg
silver sulfadiazine	>2 months
tetracaine	not for preterm neonates
trimethoprim	>6 months
xylometazoline	>3 months

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EML FOR BHUs

- ▣ Primarily indicates similar clinical performance within a pharmacological class.
- ✦ Indicates that the medicine has an age or weight restriction.
- © Signifies a specific indication for restricting its use for children.

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)	ampoule	75 mg in 3ml
				tablets	50 mg
		5	ibuprofen 	tablets	200 mg, 400 mg
C	Anti-Allergics and Medicines used in anaphylaxis			syrup	200mg/5ml
		6	paracetamol	tablets	500 mg
				syrup	125 mg / 5ml
				suppository	100 mg
		7	chlorpheniramine (hydrogen maleate)  	tablets	4 mg
				syrup 	2.5mg / 5ml
D	ANTI-INFECTIVES Antibiotics/ antimicrobials	8	dexamethasone (disodium phosphate)	injection	4 mg / ml
		9	epinephrine (adrenaline)	ampoule	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
		14	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules/tablet	250mg, 500 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
E				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
F				syrup	125 mg / 5ml
		17	cotrimoxazole + (sulfamethoxazole + trimethoprim)	tablets ☉	400mg + 80 mg
				syrup ☉	200mg + 40mg/5 ml
		18	metronidazole ☐ (benzoate)	tablets	200mg, 400 mg
				syrup	200 mg / 5ml
G		19	mebendazole (chewable)	tablets	500 mg (with caution only for adults)
				suspension	100mg/5ml
		20	nystatin	tablets	500,000 IU
				drops ☉	100,000 IU/ml
				vaginal tablet	100 000 IU
G	Anti-Tuberculosis Medicines As per TB Control Program guidelines	21	ethambutol	tablets	400 mg
				oral liquid ☉	25 mg/ml
		22	isoniazid	tablets/syrup ☉	50mg, 100mg, 300mg
		23	pyrazinamide	tablets	500 mg
		24	rifampicin	caps / syrup ☉	150mg, 300mg, 450mg, 600mg
		25	streptomycin	injection	1 gm
		26	ethambutol + isoniazid	tablets	400mg + 150mg
		27	isoniazid + rifampicin	tablets	75mg+ 150mg ; 150mg + 300mg
			isoniazid + pyrazinamide + rifampicin	tablets	75mg + 400mg + 150 mg.
		28			

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
H	Antimalarials <i>For Vivax</i> <i>For Falciparum</i> <i>To be used in combination (co blister)</i>	29	rifampicin + isoniazid + pyrazinamide + ethambutol	tablets	150mg+75mg+400mg+275 mg
		30	ethambutol + isoniazid + rifampicin	tablets	275mg + 75mg + 150 mg
		31	chloroquine (phosphate or sulfate)	tablets	150 mg
		32	primaquine (diphosphate)	tablets	15 mg
I	Management of severe Malaria Anti-Diabetics	33	sulfadoxine + pyrimethamine co-blister / combined therapy	tablets	500mg + 25 mg
		34	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.
		35	artesunate plus sulfadoxine and pyrimethamine	tablets	co blister 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.
		36	artemether	ampoule	80 mg/ml in 1-ml
J	GIT Medicines	37	glibenclamide	tablets	5 mg
		38	metformin (hydrochloride)	tablets	500 mg
		39	phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg
		40	metoclopramide (hydrochloride) + omeprazole 	tablets syrup injection capsules	10 mg 5 mg / 5ml 5mg/ml 10mg, 20mg, 40mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea	41	aluminium hydroxide + magnesium trisilicate	injection	20mg
				tablets	250mg +500mg
		42	ORS (low osmolality)	sachet	dry mixture (low osmolality 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.
K	Respiratory Medicines	43	glycerin	suppository	
		44	salbutamol (sulfate) 	tablets	2 mg and 4 mg
		45	ammonium chloride + chloroform + menthol + diphenhydramine + sodium citrate	solution	5 mg/ml for nebulizer
L	Miscellaneous			antitussive expectorant	13 l.5mg/5ml + 22mg/5ml + 1mg/5ml + 13.5mg/5ml + 55mg/5ml
		46	aminophylline	injection	25 mg/ml
		47	atropine (sulfate) 	ampoule	1 mg in 1ml
		48	charcoal activated	powder	
		49	diazepam	injection	10 mg
				gel or rectal solutions	5 mg/ml in 0.5 ml; 2 ml; 4 ml
M	Ophthalmic / ENT	50	naloxone (hydrochloride)	injection	400 mcg in 1 ml
		51	oxygen concentrator / cylinder		
		52	boroglycerine	ear drops (only for wax removing)	40 %

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
N		53	polymyxin B sulphate+ lignocaine	ear drops	each ml is contains polymyxin B (sulphate);10000 IU/ml,Lignocaine:50mg/ml;5ml plastic bottle.
		54	gentamicin (sulfate)	eye drops	0.30%
		55	naphazoline	eye drops	0.005 %w/v
		56	polymyxin B (sulphate)+ bacitracin zinc	eye ointment	10000IU/g + 500IU/g
		57	dextrose + saline	infusion	5 % + 0.9% w/v
		58	glucose / dextrose	infusion	5, 10 %
		59	normal saline	infusion	0.9%
		60	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
		61	water for injection	ampoule	5 ml and 10 ml
O	Vitamins & Minerals Micronutrients	62	ascorbic acid	tablets	50mg, 100mg, 500 mg
		63	calcium gluconate	injection	100 mg/ml in 10-ml
		64	calcium lactate	tablets	500mg, 1gm
		65	ergocalciferol (vitamin D) 	tablets	1.25 mg (50 000 IU)
		66	ferrous salt (fumarate)	tablets	equivalent to 60 mg iron
				syrup	equivalent to 25 mg/ml iron
		67	folic acid	tablets	0.5mg, 1mg and 5mg
		68	ferrous salt + folic acid	tablets	equivalent to 60 mg iron + 400 mcg folic acid
	Nutritional supplement for use during pregnancy				

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	<i>for acute diarrhea</i>	69	multiple micronutrients	sachet	UNICEF approved
		70	retinol (vitamin A)	tablets/capsule	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)
		71	zinc sulphate	dispersible tablets	20 mg
		72	B complex (B1, B6 and B12)	tablets	DRAP approved
		73	multivitamins	tablets	DRAP approved
P	Cardiovascular Medicines	74	furosemide 	tablets	20, 40 mg
				injection	10 mg
		75	glyceryl trinitrate	sublingual	500 mcg
		76	isosorbide dinitrate 	sublingual	5 mg
		77	captopril	tablets	25 mg, 50 mg, 12.5 mg
Q	<i>For severe PIH only</i> Dermatologicals	78	methyldopa	tablets	250 mg
		79	benzyl benzoate  + 	lotion	5% & 25%
		80	calamine 	lotion	15%
		81	hydrocortisone 	cream	1%
		82	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000iu/g + 500iu/g
R	Oxytocic Medicines	83	silver sulphadiazine  + 	cream	1%
		84	ergometrine (hydrogen maleate) 	injection	200 mcg in 1ml
		85	oxytocin	injection	10 iu in 1-ml
S	Contraceptives	86	condoms		
		87	ethinylestradiol  + norethisterone 	CO pills	35mcg + 1mg
		88	levonorgestrel 	PO pills	30 mcg
		89	copper T / multiload	IUCD	
		90	DMPA (medroxyprogesterone acetate)	injection	150 mg /1ml

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

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		114	silk sutures	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		115	face masks disposable		
		116	blood lancets	sterile packs	
		117	slides		
		118	clean delivery kits	sterile packs	1 bath soap, 50 gram rapped 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

EMERGENCY TRAY FOR BHU

Sr#	Name of Item	Strength	Quantity
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	1,000ml	10
11	injection normal saline	1,000ml	10
12	glyceryl trinitrate sublingual	500mcg	50
13	isosorbide dinitrate sublingual	5mg	10
14	lidocaine	gel	1
15	cotton roll BPC	500gms	1
16	compression bandage BPC		5
17	D/S	5 cc	30
18	IV set		20
19	IV cannula	18G, 20G, 22G, 24G	20 (1:2:2:1)
20	silk sutures sterile packs	0, 1/0, 2/0	10
21	ETT	(3mm, 3.5mm, 4mm, 7.5mm, 8mm)	10
22	Foley's catheter	All sizes (10 F to 28 F)	12
23	NG tube	(14–18 Fr, infant/child: 10–14 Fr)	10
24	injection 25% DW	25 ml ampoule	2

EML FOR RHCs

- ▣ Primarily indicates similar clinical performance within a pharmacological class.
- ✦ Indicates that the medicine has an age or weight restriction.
- © Signifies a specific indication for restricting its use for children.

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 dental cartridge	2% + 1:200 000 2% + 1:80 000
B	Analgesics Opioid	3	pethidine (hydrochloride)	ampoule	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
				ampoule	75 mg in 3ml
		7	ibuprofen 	tablets	200mg, 400 mg
				syrup	200 mg/5ml
D	Antiallergics and Medicines used in Anaphylaxis			tablets	500 mg
		8	paracetamol	syrup	125 mg / 5ml
				suppository	100 mg
		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)	ampoule	1 mg /ml
		12	hydrocortisone (sodium succinate)	injection	100mg, 250 mg
		13	cetirizine	tablets	10 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
E	Antidotes and Other Substances used in Poisonings	14	loratadine	syrup tablets	5 mg / 5ml 10 mg
		15	prednisolone 	syrup tablets	1 mg/ml 5 mg
		16	atropine (sulfate) ★	ampoule	1 mg in 1ml
		17	charcoal activated	powder	
F	Anti-Epileptics <i>For eclampsia only</i>	18	diazepam	injection	10 mg
		19	methylthioninium chloride (methylene blue)	ampoule	10mg/ml -in 10ml
		20	naloxone (hydrochloride)	ampoule	400 mcg in 1ml
		21	carbamazepine	tablets syrup	200 mg 100mg / 5ml
G	Antihelminthic	22	magnesium sulphate	injection	500mg/ml
		23	phenobarbital (sodium)	tablets injection	30 mg 200 mg /ml
		24	phenytoin (sodium)	tablets	100 mg
		25	albendazole	tablets syrup	200 mg 100 mg / 5ml
H	Anti-Fungal	26	mebendazole	tablets syrup	500 mg (with caution only for adults) 100 mg/5ml,
		27	pyrantel (pamoate)	tablets syrup	250 mg 250 mg / 5ml
		28	clotrimazole	vaginal cream vaginal tablet	1% w/v 100, 500 mg
		29	nystatin	tablets	500,000 iu

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
				drops ☉	100,000 iu/ml
				pillary	100 000 iu
	ANTI-INFECTIVES				
I	Antibiotics/ antimicrobials	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
		34	cefixime* (trihydrate)	capsules	400 mg
		35	ciprofloxacin ☐ (hydrochloride)	tablets	250mg, 500 mg
		36	cotrimoxazole + (sulfamethoxazole + trimethoprim)	tablets ☉	400mg + 80 mg
		37	doxycycline (hyclate) +	syrup ☉	200mg + 40mg/5 ml
		38	gentamicin (sulfate) ☐	caps	100 mg
			metronidazole ☐ (benzoate)	injection	40mg, 80 mg
		39		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

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		42	Phenoxymethyl penicillin (potassium)	tablets syrup	250, 500 mg 125 mg / 5ml
J	Anti-Tuberculosis Medicines As per TB Control Program guidelines	43	ethambutol	tablets oral liquid Ⓢ	400 mg 25 mg/ml
		44	isoniazid	tablets/syrup p Ⓢ	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	Antimalarials For Vivax For Falciparum	53	chloroquine (phosphate or sulfate)	tablets	150 mg
		54	primaquine (diphosphate)	tablets	15 mg
		55	sulfadoxine + pyrimethamine co-blisters / combined therapy	tablets	500mg + 25 mg
		56	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.

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
			artesunate plus sulfadoxine and pyrimethamine	tablets	co blister 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.
	Management of severe Malaria	57	artemether	injection	40 mg/ml
L	GIT Medicines	58	hyoscine (butylbromide)	injection	20 mg/ml
				tablets	10 mg
		59	phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg
				tablets	10 mg
		60	metoclopramide (hydrochloride) ★	syrup	5 mg / 5ml
				injection	5mg/ ml
		61	omeprazole ☐	capsules	10mg, 20mg, 40mg
				injection	20mg
		62	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg
	Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea	63	ORS (low osmolality)	sachet	dry mixture (low osmolality 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.
M	Anti-Diabetics	64	bisacodyl	tablets	5 mg
		65	glycerin	suppository	
		66	glibenclamide	tablets	5 mg

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 Medicines <i>For severe PIH only</i>	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
O	Oxytocic Medicines			injection	10 mg
		78	ergometrine ((hydrogen maleate) 	injection	200 mcg in 1ml
		79	misoprostol	tablets	200 mcg
		80	oxytocin	injection	10 iu in 1-ml
P	Respiratory Medicines	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 + 1 mg/5ml + 13.5mg/5ml + 55mg/5ml
		83	aminophylline	injection	25 mg/ml
Q	Ophthalmic / ENT	84	boroglycerine	ear drops (only for	40 %

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
				wax removing)	
		85	polymyxin B sulphate+lignocaine	ear drops	each ml is contains polymyxin B (sulphate): 10000 IU/ml, Lignocaine: 50mg/ml; 5ml plastic bottle.
		86	gentamicin (sulfate) 	eye drops	0.30%
		87	tetracycline (hydrochloride) 	eye ointment	1%
		88	xylometazoline  + 	nasal drops	0.05%
R	I/V Infusions Plasma Substitutes	89	plasma expander	infusion	dextran 6 %w/v, glucose 5 %w/v
		90	glucose / dextrose	infusion ampoule	5, 10, % 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
S	Vitamins & Minerals	95	sodium bicarbonate	injection	1.4% isotonic
		96	water for injection	ampoule	5 ml, 10 ml
		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

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	Nutritional supplement for use during pregnancy	101	ergocalciferol (vitamin D) ☐	tablets	1.25 mg (50 000 iu)
		102	ferrous salt (fumarate)	tablets	equivalent to 60 mg iron
				syrup	equivalent to 25 mg/ml iron
		103	folic acid	tablets	0.5mg, 1mg & 5mg
		104	ferrous salt + folic acid	tablets	equivalent to 60 mg iron + 400 mcg folic acid
		105	multiple micronutrients	sachet	UNICEF approved
		106	retinol (vitamin A)	tablets/ capsules	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)
		107	zinc sulphate	dispersible tablets	20 mg
		108	vitamin K	injection	10 mg
		109	B complex (B1, B6 and B12)	tablets	DRAP approved
T	for acute diarrhea	110	multivitamins	tablets	DRAP approved
		111	benzyl benzoate ☐ +	lotion	5% & 25%
		112	permethrin ☐	cream, lotion	5%w/w
		113	calamine	lotion	15%
		114	coal tar	lotion	5%
		115	hydrocortisone ☐	cream	1%
		116	salicylic acid	solution	5%
		117	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000iu/g + 500iu/g
		118	silver sulphadiazine +	cream	1%
		119	sodium thiosulphate	solution	15%
U	Contraceptives	120	condoms		
		121	ethynylestradiol ☐ + norethisterone ☐	CO pills	35mcg + 1mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		I22	levonorgestrel 	PO pills	30 mcg
		I23	levonorgestrel 	EC pills	750 mcg (pack of 2)
		I24	copper T / multiload	IUCD	
		I25	DMPA (medroxyprogesterone acetate)	injection	150 mg/ 1ml
		I26	norethisterone enantate	injection	200 mg/ml in 1ml
		I27	estradiol cypionate + medroxyprogesterone acetate	injection	5 mg + 25 mg
V	Vaccines & Sera	I28	BCG vaccine		WHO approved/ as per national EPI program guidelines
		I29	polio vaccine (OPV trivalent)/IPV	oral/ injection	
		I30	hepatitis B vaccine		
		I31	measles vaccine		
		I32	tetanus toxoid		
		I33	pentavalent vaccine		
		I34	pneumococcal vaccine		
		I35	anti-rabies vaccine (PVRV)	single dose vial	
		I36	anti-snake venom serum		>2.5 IU
W	Miscellaneous	I37	tranexamic acid	injection	250mg, 500mg /5ml
				caps	250mg, 500mg
X	Anxiolytics	I38	alprazolam	tablets	0.5 mg
		I39	diazepam	tablets	2 mg
Y	Antiseptics/ Disinfectants Only chlorine based compound in stable dry granular form	I40	povidone-iodine	solution	10 %w/v
		I41	halogenated sodium phosphate	powder	100gms

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	Antiseptics for cord care	I42	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		I43	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
Z	Disposable Supplies	I44	syringe (auto disable)	sterile packs	1cc and 5cc
		I45	I.V sets	sterile packs	DRAP approved
		I46	scalp vein set	sterile packs	DRAP approved
		I47	volumetric chamber (I.V. burette)	sterile packs	box of 100 (small, medium and large size) [1:2:1]
		I48	I.V cannula (DRAP approved)	sterile packs	16g, 20g, 24g
		I49	adhesive tape (hypoallergenic)	roll	1, 2 inch
		I50	sterile gauze dressing		7.5 x 7.5 cm (10 ply)
		I51	cotton bandage	roll	6.5cm x 2m
		I52	absorbent cotton wool	pack	500gm
		I53	crepe bandage		7.5, 10 cm x 2.7m
		I54	examination gloves	pairs	box of 100
		I55	sterile surgical gloves	pairs	6, 6½, 7, 7½
		I56	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0
		I57	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		I58	face masks disposable		
		I59	blood lancets	sterile packs	
		I60	slides		
		I61	urinary catheter	sterile packs	8 - 12

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		162	Foley's catheter	sterile packs	12 - 20
		163	nasogastric tube		adult / paed
		164	clean delivery kits	sterile packs	■ 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

EMERGENCY TRAY FOR RHC

Sr#	Name of Item	Strength	Quantity
1	injection dobutamine	50mg/ml	5
2	injection tranexamic acid	250mg/5ml	10
3	injection furosemide	10mg/ml	10
4	injection calcium gluconate	100mg/ml in 10ml	10
5	injection dimenhydrinate	50mg/ml	10
6	injection sodium bicarbonate	8.4% w/v, 25ml	10
7	injection potassium chloride	11.2% in 20ml 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's lactate infusion	1000ml	10
20	dextrose infusion	10%, 500ml	10
21	normal saline infusion	1,000ml	10
22	normal saline with dextrose infusion	5%, 1,000ml	10
23	lidocaine	gel	5
24	cotton roll BPC	500gms	5
25	cotton bandage BPC	4 inch, 6 inch	24
26	D/S (AD)	5 cc	10
27	D/S	10cc	5
28	D/S	1cc	5
29	D/S	20cc	1

EMERGENCY TRAY FOR RHC

Sr#	Name of Item	Strength	Quantity
30	volumetric chamber (IV burette)		5
31	IV set		45
32	IV cannula	16G, 18G, 20G, 22G, 24G	25 (1:1:2:2:1)
33	ETT	(3mm, 3.5mm, 4mm, 7.5mm, 8mm)	10
34	Foley's catheter	all sizes (10 F to 28 F)	10
35	NG tube	(14–18 Fr; infant/child: 10–14 Fr)	12

EML FOR THQs

- ▣ Primarily indicates similar clinical performance within a pharmacological class.
- ✦ Indicates that the medicine has an age or weight restriction.
- © Signifies a specific indication for restricting its use for children.

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

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
F	Antidotes and Other Substances used in Poisonings	17	loratadine	syrup tablets	5 mg / 5ml 10 mg
		18	promethazine (HCL)	syrup tablets	1 mg/ml 25 mg
		19	dexamethasone (disodium phosphate)	syrup injection	25 mg/5ml 25 mg/ml in 2ml
		20	epinephrine (adrenaline)	injection tablets	4 mg / ml 0.5 mg
		21	hydrocortisone (sodium succinate)	ampoule injection	1 mg /ml 100, 250 mg
		22	prednisolone 	tablets	5 mg
		23	atropine (sulfate) 	ampoule	1 mg in 1ml
		24	charcoal activated	powder	
		25	methylthioninium chloride (methylene blue)	ampoule	10mg/ml -in 10ml
		26	naloxone (hydrochloride)	ampoule	400 mcg in 1ml
G	Antiepileptics Anticonvulsants <i>For eclampsia only</i>	27	carbamazepine	tablets syrup	200 mg 100mg / 5ml
		28	magnesium sulphate	injection	500mg/ml
		29	phenobarbital (sodium)	tablets injection	30 mg 200 mg /ml
		30	phenytoin (sodium)	tablets syrup	100 mg 30 mg/5 ml
H	ANTI-INFECTIVES Antibiotics/ Antimicrobials				
		31	amoxicillin (trihydrate)	capsules / tablet	250mg, 500 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name (preferably dispersible tablets)	Form	Strength
	Only listed for single-dose treatment of uncomplicated anogenital gonorrhoea.			powder for suspension ☉	125mg & 250mg /5ml
				injection	250mg, 500 mg
				capsules	250mg, 500 mg
		32	ampicillin (sodium)	powder for suspension ☉	125mg & 250 /5ml
				injection	500 mg and 1 g
				tablets	375 mg
		33	amoxicillin + clavulanic acid	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
		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

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
I	Recommended for use in combination regimens for eradication of <i>H. Pylori</i> in adults.	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 (hyclate) +	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
J	Anthelmintic	49	Phenoxymethyl penicillin (potassium)	tablets	250, 500 mg
				syrup	125 mg / 5ml
		50	albendazole	tablets	200 mg
				syrup	100 mg / 5ml
		51	mebendazole (chewable)	tablets	500 mg (with caution only for adults)
		52	pyrantel (pamoate)	tablets	250 mg
J	Anti-Fungal			syrup	250 mg / 5ml
		53	clotrimazole	vaginal cream	1%

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		54	fluconazole 	vaginal tablet	100mg, 500 mg
				capsules	50 mg
				injection	2 mg/ml
				syrup	50 mg/5 ml
				tablets	500,000 iu
55			nystatin	drops 	100,000 iu/ml
K	Antiherpes Medicines	56	acyclovir 	tablets	200 mg
L	Antileishmaniasis Medicines	57	amphotericin B	injection	50 mg in vial
M	Anti-Tuberculosis Medicines As per TB Control Program guidelines	58	sodium stibogluconate	injection	100 mg/ml in 30ml vial
		59	ethambutol	tablets	400 mg
		60	isoniazid	oral liquid 	25 mg/ml
			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		
	N	Anti-Diabetics		ethambutol + isoniazid + rifampicin	tablets
69		glibenclamide	tablets	5 mg	
70		metformin (hydrochloride)	tablets	500mg	

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
O	Antimalarials <i>For Vivax For Falciparum</i>	71	insulin regular	injection	100 iu / ml
		72	insulin comp	injection	30 + 70 % w/v
		73	chloroquine (phosphate or sulfate)	tablets	150 mg
		74	primaquine (diphosphate)	tablets	15 mg
		75	sulfadoxine + pyrimethamine	tablets	500mg + 25 mg
P	<i>To Be Used In Combination (Co blister)</i>	76	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.
			artesunate plus sulfadoxine and pyrimethamine	tablets	co blister 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	ampoule	80 mg/ml in 1-ml
		78	artemether + lumefantrine	tablets ☺	20 mg + 120 mg
		79	hyoscine (butylbromide)	injection	20 mg/ml
P	GIT Medicines	80	phloroglucinol	tablets	10 mg
				tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
Q	Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea	81	metoclopramide (hydrochloride) ✦	tablets syrup injection	10 mg 5 mg / 5ml 20 mg/ml
		82	omeprazole 	capsules injection	10mg, 20mg, 40mg 20mg
		83	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg
		84	ORS (low osmolality)	sachet	dry mixture (low osmolality 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.
		85	bisacodyl	tablets	5 mg
		86	glycerin	suppository	
		87	magnesium oxides and hydroxides	suspension	7.9 %w/v
		88	acety/salicylic acid	tablets	100 mg
		89	digoxin	tablets	62.5, 250mcg
		90	dopamine (hydrochloride)	injection	250mcg /ml in 2ml
		91	glyceryl trinitrate	injection	40 mg/ml in 5ml vial
		92	hydralazine (hydrochloride)	sublingual injection	500 mcg 20 mg

For severe PIH only

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	For severe PIH only	93	isosorbide dinitrate 	tablets sublingual	25mg, 50 mg 5 mg
		94	methyl dopa	tablets injection	250mg, 500 mg 250 mg
		95	propanolol	tablets	10mg, 40mg, 80 mg
R	Diuretics	96	furosemide 	tablets injection	20mg, 40 mg 10 mg
		97	hydrochlorothiazide 	tablets	12.5mg, 25 mg
S	Antivirals for Hepatitis	98	spironolactone	tablets	25 mg
		99	interferon alpha 2b	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 capsules	100 mg/ml in 10-ml 250mg, 500mg
U	Oxytocic Medicines	103	warfarin (sodium) 	tablets	1mg, 2mg, 5 mg
		104	ergometrine (hydrogen maleate) 	injection	200 mcg in 1ml
		105	misoprostol	tablets	200 mcg
V	Respiratory Medicines	106	oxytocin	injection	10 iu in 1-ml
		107	aminophylline	injection tablets	25mg/ml in 10ml 100 mg
		108	beclomethasone (dipropionate)	inhaler tablets	50 mcg/actu 2mg, 4 mg
W	Ophthalmic	109	salbutamol (sulfate) 	inhaler injection	100 micrograms 50 micrograms in 5ml
		110	dexamethosone	eye drops	0.1 %w/v

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
X	ENT	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 eye drops	1% 0.50%
		115	polymyxin B sulphate+lignocaine	ear drops	each ml is containing polymyxin b (sulphate): 10000iu+propyl ene glycol:0.92ml+lignocaine:5 0mg;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%
		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:50mg/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%

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
Y	I/V Infusions Plasma Substitutes	126	plasma expander	infusion	dextran 6 %w/v, glucose 5 %w/v
		127	glucose / dextrose	infusion ampoule	5%, 10, % 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 collapsible plastic bottle
Z	Dermatologicals	132	mannitol	infusion	10% and 20 %w/v (500ml)
		133	water for injection	ampoule	5 ml, 10 ml
		134	benzyl benzoate ☐ +	lotion	5% & 25%
		135	betamethasone ☐ +	cream / ointment	0.1%
		136	calamine ☐	lotion	15%
		137	coal tar	lotion	5%
		138	hydrocortisone ☐	cream	1%
		139	permethrin	cream / lotion	5 % / 1 %
		140	salicylic acid	solution	5%

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
AA	Vitamins & Minerals	141	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000iu/g + 500iu/g
		142	silver sulphadiazine 	cream	1%
		143	sodium thiosulphate	solution	15%
		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)
	Nutritional supplement for use during pregnancy	148	ferrous salt (fumarate)	tablets	equivalent to 60 mg iron
		149	folic acid	syrup	equivalent to 25 mg/ml iron
		150	ferrous salt + folic acid	tablets	0.5mg, 1mg & 5mg
		151	vitamin K	tablets	equivalent to 60 mg iron + 400 mcg folic acid
		152	hydroxocobalamin	injection	10 mg
		153	multiple micronutrients	ampoule	1 mg in 1ml
		154	retinol (vitamin A)	sachet	UNICEF approved
		155	zinc sulphate	tablets/ capsules	50 000 iu; 100 000 iu; 200 000 iu (as palmitate)
		156	B complex (B1, B6 And B12)	dispersible tablets	20 mg
		157	multivitamins	tablets	DRAP approved
AB	Contraceptives	158	condoms	tablets	
		159	ethinylestradiol  + norethisterone 	tablets	35mcg + 1mg
		160	levonorgestrel 	PO pills	30 mcg
		161	levonorgestrel	EC pills	750 mcg (pack of 2)

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		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-releasing implant	sub dermal implant	2 rod 75mg each (use life: 5 years)
		167	etonogestrel- releasing implant	sub dermal implant	1 rod 68mg each (use life: 3 years)
AC	Vaccines & Sera	168	BCG vaccine		
		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)		
		177	anti-snake venom serum	single dose vial	>2.5 iu
		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	182	chlorpromazine  (hydrochloride)	injection	25mg in 2ml
				tablets	100 mg

WHO approved /as per national EPI program

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	Tranquilizers	183	alprazolam	tablets	0.5 mg
		184	diazepam	tablets injection	2mg, 5mg 10mg
AE	Antiseptics/ Disinfectants <i>Only chlorine based compound in stable dry granular form</i>	185	povidone-iodine	solution	10 %w/v
		186	halogenated sodium phosphate	powder	100gms
		187	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		188	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
AF	Antiseptics for Cord care Disposable Supplies	189	syringe (auto disable)	sterile packs	1cc, 5cc
		190	I.V sets	sterile packs	DRAP approved
		191	scalp vein set	sterile packs	DRAP approved
		192	volumetric chamber (I.V burette)	sterile packs	100 ml size
		193	I.V cannula (DRAP approved)	sterile packs	16g, 20g, 24g
		194	adhesive tape (hypoallergenic)	roll	1, 2 inch
		195	sterile gauze dressing		7.5 x 7.5 cm (10 ply)
		196	cotton bandage	roll	6.5cm x 2m
		197	absorbent cotton wool	pack	500gm
		198	crepe bandage	roll	7.5, 10 cm x 2.7m
		199	examination gloves	pairs	box of 100 (small, medium and large size) [1.2-1]
		200	sterile surgical gloves	pairs	6, 6½, 7, 7½
		201	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0
		202	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		203	plaster of paris bandage	roll	10cm, 20cm x 6m

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		204	face masks disposable		
		205	blood lancets	sterile packs	
		206	urinary catheter	sterile packs	8 - 12
		207	Foley's catheter	sterile packs	12 - 20
		208	blood bags	sterile packs	
		209	slides		
		210	nasogastric(NG) tube	sterile packs	adult / paeders
					■ 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
		211	clean delivery kits	sterile packs	

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
AL	Radio contrast Media				■ I unbleached dignity drape ■ I instruction sheet
		212	amidotrizoate	injection	140 to 420 mg iodine /ml in 20 ml
		213	barium sulfate	aqueous suspension	
		214	iohexol	injection	140 mg to 350 mg iodine/ml in 5-ml; 10 ml; 20 ml ampoules.
AM	Dental Materials	215			

EML FOR DHQs

- ▣ Primarily indicates similar clinical performance within a pharmacological class.
- ✦ Indicates that the medicine has an age or weight restriction.
- © Signifies a specific indication for restricting its use for children.

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
		8	suxamethonium (chloride)	tablets	15 mg
C	Anaesthetics Local		suxamethonium (chloride)	ampoule	50 mg /ml in 2-ml
		9	bupivacaine (hydrochloride)  injection for spinal anaesthesia	vial	0.25%; 0.5%
				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.
				topical forms	2%gel, 4%solution
		11	lignocaine + epinephrine (adrenaline)	injection	2% + 1:200 000
D	Analgesics Opioid	12	lignocaine + epinephrine (adrenaline)	dental cartridge	2% + 1:80 000
		13	ephedrine (hydrochloride)	ampoule	30 mg in 1-ml
		14	pentazocine	ampoule	30 mg/ml
E	Analgesics / NSAIDs	15	pethidine (hydrochloride)	ampoule	50 mg/ml in 2ml
		16	acety/salicylic acid	dispersible tablets	300 mg
				suppository	50 mg to 150 mg

Complementary List

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
F		17	mefenamic acid	tablets	250 mg
		18	diclofenac (sodium)	tablets	50 mg
		19	naproxen	ampoule	75 mg in 3ml
		20	meloxicam	tablets	250mg, 500 mg
		21	ibuprofen 	tablets	7.5mg, 15 mg
				tablets	200mg, 400 mg
				syrup	200 mg/5ml
		22	paracetamol	tablets	500 mg
				syrup	125 mg / 5ml
				suppository	100 mg
G	Medicines to treat Gout Antiallergics and Medicines used in Anaphylaxis	23	allopurinol	tablets	100 mg
		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
		29	epinephrine (adrenaline)	tablets	0.5 mg
				ampoule	1 mg /ml
		30	hydrocortisone (sodium succinate)	injection	100mg, 250 mg
		31	prednisolone 	tablets	5 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
H	Antidotes and Other Substances used in Poisonings	32	atropine (sulfate) ò	ampoule	1 mg in 1ml
		33	charcoal activated	powder	
		34	methylthioninium chloride (methylene blue)	ampoule	10mg/ml -in 10ml
		35	naloxone (hydrochloride)	ampoule	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
				tablets	30 mg
		38	phenobarbital (sodium)	injection	200 mg /ml
		39	sodium valproate	tablets	125mg, 250mg, 500mg
				syrup	200 mg/5ml, 250 mg/5ml
J	ANTI-INFECTIVES Antibiotics/ Antimicrobial				
		40	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet powder for suspension ©	250mg, 500 mg 125mg & 250mg /5ml
				injection	250 mg, 500 mg
				capsules	250mg, 500 mg
		41	ampicillin (sodium)	powder for suspension ©	125mg & 250mg /5ml
				injection	500 mg and 1 g
		42	amikacin (sulfate)	injection	500mg, 1gm
		43	azithromycin ☐	capsules	250mg, 500 mg
	<i>Reserved 2nd line</i>			suspension	125mg / 5ml in 22.5ml
		44	amoxicillin + clavulanic acid	tablets injection	375 mg 1 gm

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
45	Only listed for single-dose treatment of uncomplicated anogenital gonorrhoea.	45	cloxacillin	capsules	250mg, 500 mg
		46	cefixime* (trihydrate)	powder for suspension ☺	125mg & 250 /5ml
		47	ceftiaxone (sodium) ✦	capsules	400 mg
		48	ciprofloxacin (hydrochloride) ☐	powder for injection	250mg, 500mg, 1gm
49	Recommended for use in combination regimens for eradication of <i>H. Pylori</i> in adults.	49	clarithromycin	tablets	250mg, 500 mg
		50	clindamycin (hydrochloride) (phosphate)	tablets	500 mg
		51	clindamycin (hydrochloride) (phosphate)	capsules	150mg, 300mg
		52	cotrimoxazole ✦ (sulfamethoxazole + trimethoprim)	injection	150mg / ml
53		53	doxycycline (hyclate) ✦	tablets ☺	400mg + 80 mg
		54	erythromycin (stearate or estolate or ethyl succinate)	syrup ☺	200mg + 40mg/5 ml
		55	flucloxacillin (floxacin sodium)	capsules ☺	100 mg
		56	gentamicin (sulfate) ☐	syrup ☺	25mg / 5ml
56	for MDR-TB	56	kanamycin (sulfate)	tablets	250mg, 500mg
		57	clarithromycin	syrup	125 mg / 5ml
		58	flucloxacillin (floxacin sodium)	injection	250mg, 500 mg
		59	gentamicin (sulfate) ☐	capsules	250mg, 500 mg
56		56	kanamycin (sulfate)	injection	40mg, 80 mg
		57	clarithromycin	injection	500mg, 1gm
		58	flucloxacillin (floxacin sodium)	capsules	250mg, 500 mg
		59	gentamicin (sulfate) ☐	injection	40mg, 80 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		57	levofloxacin	tablets	250mg, 500 mg
		58	metronidazole 	tablets	200mg, 400 mg
				injection	500 mg in 100-ml
				syrup	200 mg / 5ml
		59	nitrofurantoin	tablets	100 mg
K	Anthelmintic	60	phenoxymethyl penicillin (potassium)	tablets	250, 500 mg
		61	vancomycin (HCL)	syrup	125 mg / 5ml
		62	albendazole	injection	500 mg
				tablets	200 mg
		63	mebendazole	tablets	100 mg / 5ml
				syrup	500 mg (with caution only for adults)
L	Anti-Fungal	64	pyrantel (pamoate)	tablets	250 mg
		65	clotrimazole	syrup	250 mg / 5ml
				vaginal cream	1% w/v
				vaginal tablet	100, 500 mg
		66	fluconazole 	capsules	50 mg
				injection	2 mg/ml
M	Anti-Tuberculosis Medicines	67	nystatin	syrup	50 mg/5 ml
				tablets	500,000 iu
				drops 	100,000 iu/ml
		68	ethambutol	vaginal tablets	100 000 iu
				tablets	400 mg
				oral liquid 	25 mg/ml

Sr. #	Therapeutic Class As per TB Control Program guidelines	Sr. #	Generic Drug Name	Form	Strength
		69	isoniazid	tablets/ syrup ☺	50mg, 100mg, 300 mg
		70	pyrazinamide	tablets	500 mg
		71	rifampicin	caps / syrup ☺	150mg, 300mg, 450mg,600mg
		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	Antimalarials	85	chloroquine (phosphate or sulfate)	tablets	150 mg
	For Vivax	86	primaquine (diphosphate)	tablets	15 mg
	For Falciparum	87	sulfadoxine + pyrimethamine	tablets	500 mg + 25 mg
	To Be Used In Combination (Co blister)	88	artesunate plus sulfadoxine and pyrimethamine	tablets	C o-blisters of (6+2) tablet - two large tablets each

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength		
R	Management of severe Malaria		artesunate plus sulfadoxine and pyrimethamine	tablets	has sulfadoxine 500mg U.S.P. + pyrimethamine 25mg U.S.P and six small tablets, each contains artesunate 50mg U.S.P. Co-bliester 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.		
		89			artemether	ampoule	80 mg/ml in 1-ml
		90			artemether + lumefantrine	tablets ☺	20 mg + 120 mg
		91			hyoscine (butylbromide)	injection tablets	20 mg/ml 10 mg
		92			phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg
			93	metoclopramide (hydrochloride) ➕	tablets syrup	10 mg 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	

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea	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 chloride 1.5gm 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 Hepatitis	101	interferon alpha	injection	3 miu
		102	ribavirine	tablets	200mg, 400mg, 600 mg
		103	lamivudine	tablets	150 mg
T	Cardiovascular Medicines	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
	For severe PIH only				

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	For severe PIH only	112	isosorbide dinitrate 	tablets	25mg, 50 mg
		113	methyldopa	sublingual tablets	5 mg
				injection	250mg, 500 mg
					250 mg
		114	propanolol	tablets	10mg, 40mg, 80 mg
U	Diuretics	115	streptokinase	powder for injection	1.5 million iu
		116	simvastatin 	tablets	5mg, 10mg, 20mg, 40mg
		117	verapamil (hydrochloride)	tablets	40 mg; 80 mg
		118	furosemide 	tablets	20mg, 40 mg
				injection	10 mg
V	Medicines affecting Coagulation	119	hydrochlorothiazide 	tablets	12.5, 25 mg
		120	spironolactone	tablets	25 mg
		121	heparin (sodium)	injection	1000, 5000, 20000 iu/ml
		122	tranexamic acid	injection	100 mg/ml in 10-ml
				capsules	250mg, 500mg
W	Oxytocic Medicines	123	warfarin (sodium) 	tablets	1, 2, 5 mg
		124	ergometrine (hydrogen maleate) 	injection	200 mcg in 1ml
		125	misoprostol	tablets	200 mcg
		126	oxytocin	injection	10 iu in 1-ml
				injection	25mg/ml in 10ml
X	Respiratory Medicines	127	aminophylline	tablets	100 mg
				syrup	32 mg/5ml
		128	ammonium chloride + chloroform + menthol +	antitussive expectorant	131.5mg/5ml + 22mg/5ml + 1mg/5ml + 13.5mg/5ml + 55mg/5ml

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
Y	Ophthalmic		diphenhydramine + sodium citrate		
		129	bedomethasone (dipropionate)	inhaler tablets	50 mcg/actu 2, 4 mg
		130	salbutamol (sulfate) 	syrup inhaler	1 mg/5ml, 2 mg/5ml 100 micrograms
		131	dexamethosone	injection	50 micrograms in 5ml
		132	gentamicin (sulfate) 	eye drops	0.1 %w/v
		133	homatropine (hydrobromide)	eye drops	0.30%
		134	pilocarpine (hydrochloride or nitrate)	eye drops	0.1, 0.5 % 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	
Z	ENT	142	polymyxin B (sulphate)+ bacitracin zinc	eye ointment	10000IU/g + 500IU/g
		143	tetracycline (hydrochloride) 	eye ointment	1%
		144	tetracaine (hydrochloride)  +	eye drops	0.50%
		145	timolol (hydrogen maleate) 	drops	0.50%
				eye drops	0.25%, 0.5%
		146	boroglycerine	ear drops (only for wax removing)	40%

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		147	ciprofloxacin	ear drops	0.30%
		148	polymyxin B sulphate+lignocaine	ear drops	each ml is contains polymyxin B (sulphate): 10000 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%
AA	I/V Infusions Plasma Substitutes	153	plasma expander	infusion	dextran 6 %w/v, glucose 5 %w/v
		154	glucose / dextrose	infusion	5, 10, %
		155	normal saline	ampoule	25%
		156	dextrose + saline	infusion	0.9%
				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 injection 1000ml (q.s.), 1000ml collapsible plastic bottle
		158	potassium chloride	solution	11.2% in 20-ml ampoule
		159	sodium bicarbonate	injection	1.4% isotonic

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		160	mannitol	infusion	20 %w/v
		161	water for injection	ampoule	5 ml, 10 ml
AB	Vitamins & Minerals	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 iron
	Nutritional supplement for use during pregnancy			syrup	equivalent to 25 mg/ml iron
		167	folic acid	tablets	0.5, 1mg & 5mg
		168	ferrous salt + folic acid	tablets	equivalent to 60 mg iron + 400 mcg folic acid
		169	vitamin K	injection	10 mg
		170	hydroxocobalamin	ampoule	1 mg in 1ml
AC	Dermatologicals	171	multiple micronutrients	sachet	UNICEF approved
		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	
		176	☐ benzyl benzoate ★	lotion	5% & 25%
		177	☐ betamethasone ★	cream / ointment	0.1%
		178	☐ calamine	lotion	15%
		179	coal tar	lotion	5%

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		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%
AD	Medicines for Mental & Behavioral Disorders Tranquilizers	187	amitriptyline (hydrochloride)	tablets	25 mg
		188	carbamazepine	tablets	100 mg; 200 mg
		189	chlorpromazine (hydrochloride) ▣	injection tablets	25mg in 2ml 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
		195	alprazolam	injection	10mg
		196	bromazepam	tablets	0.5 mg
AE	Contraceptives	197	condoms	tablets	3 mg%
		198	ethynylestradiol ▣ + norethisterone ▣	CO pills	35mcg + 1mg
		199	levonorgestrel ▣	PO pills	30 mcg
		200	levonorgestrel	EC pills	750 mcg (pack of 2)

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		201	copper T / multiload	IUCD	
		202	medroxyprogesterone acetate (DMPA)	injection	150 mg /1ml
		203	norethisterone enanthate	injection	200 mg/ml in 1ml
		204	estradiol cypionate + medroxyprogesterone acetate	injection	5 mg + 25 mg
		205	levonorgestrel releasing implant	sub-dermal implant	2 rod 75mg each (use life: 5 years)
		206	etonogestrel- releasing implant	sub-dermal implant	1 rod 68mg each (use life: 3 years)
AF	Vaccines & Sera	207	BCG vaccine		WHO approved /as per national EPI program
		208	polio vaccine (OPV trivalent)/ IPV	oral/ injection	
		209	hepatitis B vaccine		
		210	measles vaccine		
		211	tetanus toxoid		
		212	pentavalent vaccine		
		213	pneumococcal vaccine		
		214	meningococcal vaccine		
		215	anti-rabies vaccine (PVRV)	single dose vial	
		216	anti-snake venom serum		
		217	anti D immunoglobulin (human)	single dose vial	
AG	Antiseptics/	218	diphtheria antitoxin	vial	250 micrograms 10 000 iu; 20 000 iu
		219	tetanus immunoglobulin (human)	injection	500 iu in vial
		220	rabies immunoglobulin (human)	vial	150 iu/ml
		221	povidone-iodine	solution	10 %w/v

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
AH	Disinfectants Only chlorine based compound in stable dry granular form	222	halogenated sodium phosphate	powder	100gms
		223	chloroxylenol	solution	1.44%w/v,
		224	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		225	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
		226	syringe (auto disable)	sterile packs	1cc, 5cc
	Antiseptics for Cord Care Disposable Supplies	227	I.V sets	sterile packs	DRAP approved
		228	scalp vein set	sterile packs	DRAP approved
		229	volumetric chamber (I.V burette)	sterile packs	100 ml size
		230	I.V cannula (DRAP approved)	sterile packs	16g, 20g, 24g
		231	adhesive tape (hypoallergenic)	roll	1, 2 inch
		232	sterile gauze dressing		7.5 x 7.5 cm (10 ply)
		233	cotton bandage	roll	6.5cm x 2m
		234	absorbent cotton wool	pack	500gm
		235	crepe bandage	roll	7.5, 10 cm x 2.7m
		236	examination gloves	pairs	box of 100 (small, medium and large size) [1:2:1]
		237	sterile surgical gloves	pairs	6, 6½, 7, 7½, 8
		238	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0
		239	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		240	plaster of paris bandage	roll	10cm, 20cm x 6m
		241	face masks disposable		
		242	urinary catheter	sterile packs	8 - 12

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		243	Foley's catheter	sterile packs	12 - 20
		244	blood bags	sterile packs	
		245	blood lancets	sterile packs	
		246	slides		
		247	endotracheal tube (ETT)	sterile packs	set of 12
		248	nasogastric(NG) tube		adult / paed
					■ 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
		249	clean delivery kits	sterile packs	

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
AI	Radio contrast Media				- I unbleached dignity drape - I instruction sheet
		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			

NOTES

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