



# ESSENTIAL MEDICINES LIST



Department of Health Government of Punjab





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October 2014

This publication was produced for review by the U.S. Agency for International Development. It was prepared by the USAID | DELIVER PROJECT, Task Order 4.

The authors' views expressed in this publication do not necessarily reflect the views of the U.S. Agency for International Development or the United States Government.

## Recommended Citation

The Department of Health, Government of Punjab, Pakistan, 2014. Essential Medicines List. Islamabad, Pakistan: USAID | DELIVER PROJECT, Task Order 4, for the Department of Health, Government of Punjab, Pakistan.

## Abstract

The Department of Health, Government of Punjab, 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 Punjab, 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

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

# SYMBOLS AND TERMS

**N**ote: 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 18<sup>th</sup> 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 Punjab, that there should be segregated lists of essential medicines for each facility level.

The Department of Health, Government of Punjab, 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 Punjab, 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 Punjab 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://health.punjab.gov.pk>.

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 Punjab. 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 Punjab.

  
Secretary,  
Department of Health  
Government of Punjab





## Acknowledgement

The Essential Medicines Lists (EMLs) have been developed for primary and secondary level healthcare facilities of the Department of Health (DOH), Government of Punjab, 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 Punjab 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 Punjab.

The DOH highly appreciates the auspicious and productive support of USAID/Pakistan towards strengthening the health sector of the Punjab province. I would like to thank Mr. Randolph Augustin, Deputy Director Health 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.



**Director General Health Services**  
Department of Health  
Government of Punjab

## Background: Essential Medicines

Medicines have a major role in protecting, maintaining, and restoring health. Policy makers 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*<sup>1</sup>, 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.

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

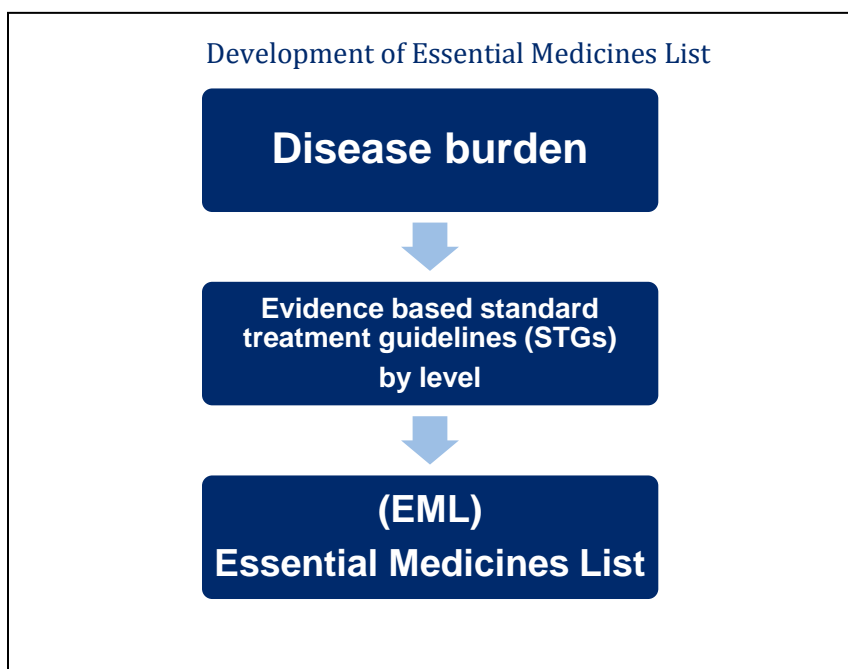
The WHO discourages using nomenclature of EDL (Essential Drugs Lists) because the word ‘Drugs’ is also commonly used for narcotics and other stimulant drugs. Therefore, WHO recommends the nomenclature ‘EMLs’ (Essential Medicines Lists).

## 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

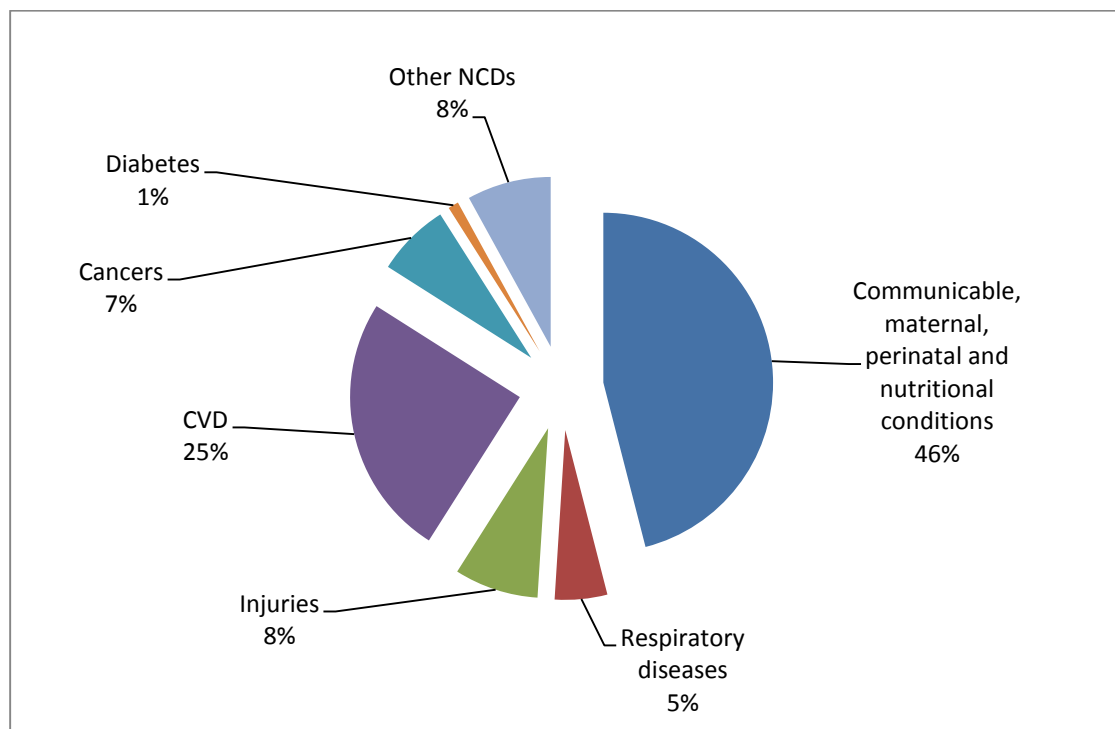


## Pakistan Facing Double Burden of Disease<sup>2</sup>

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 Mortality<sup>3</sup>

(Percentage of total deaths, all ages)



<sup>2</sup> [http://www.who.int/countryfocus/cooperation\\_strategy/ccsbrief\\_pak\\_en.pdf](http://www.who.int/countryfocus/cooperation_strategy/ccsbrief_pak_en.pdf)

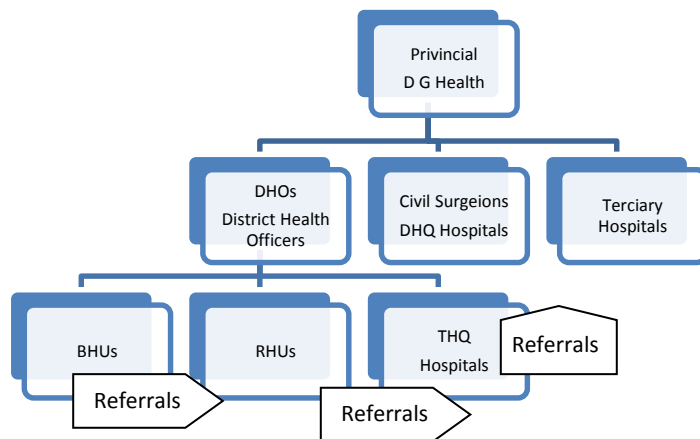
<sup>3</sup> World Health Organization. 2011. *NCD Country Profiles*. ([http://www.who.int/nmh/countries/pak\\_en.pdf](http://www.who.int/nmh/countries/pak_en.pdf))

## 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) Punjab, Punjab 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, Punjab. 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 Punjab in a consultative workshop for feedback. The recommendations put forth in the consultative workshop were incorporated and the lists were finally approved by Punjab 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 PPR 2010 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

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

## EML for BHUs

No	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
			acetylsalicylic acid	suppository	50 mg to 150 mg
		3	diclofenac (sodium)	tablets	50mg
				ampoule	75 mg in 3ml
		4	ibuprofen ✦	tablets	200mg, 400 mg
				syrup	200mg/5ml
		5	paracetamol	tablets	500 mg
				syrup	125 mg / 5ml
suppository	100 mg				
C	Antiallergics and Medicines used in Anaphylaxis	6	chlorpheniramine (hydrogen maleate) ☐ ✦	tablets	4 mg
				syrup	2.5mg / 5ml
		7	dexamethasone (disodium phosphate)	injection	4 mg / ml
		8	pheniramine (maleate)	injection	22.7mg/2ml
		9	hydrocortisone (sodium succinate)	injection	100mg, 250 mg
		10	loratadine	tablets	10 mg
syrup	1 mg/ml				
<b>ANTI-INFECTIVES</b>					
D	Antibiotics/ Antimicrobials	11	amoxicillin (preferably dispersible tablets)	capsules/tablet	250mg, 500 mg
				syrup ☉	125mg & 250mg /5ml
				injection	250mg, 500 mg
		12	ampicillin (as sodium salt)	injection	500 mg and 1 g
		13	ciprofloxacin (hydrochloride) ☐	tablets	250mg, 500 mg
		14	cotrimoxazole ✦ (sulfamethoxazole + trimethoprim)	tablets ☉	400mg + 80 mg
				syrup ☉	200mg + 40mg/5 ml
		15	metronidazole ☐	tablets	200mg, 400 mg
syrup	200 mg / 5ml				



EML for BHUs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
E	Antihelminthic	16	mebendazole (chewable)	tablets	500 mg (with caution only for adults)
				suspension	100mg/5ml
F	Anti-Fungal	17	nystatin	tablets	500,000 iu
				drops ☺	100,000 iu/ml
				pessary	100 000 iu
		18	clotrimazole	skin cream	1 % w/v
				pessary	100mg and 500 mg
G	Anti-Tuberculosis Drugs <i>As per TB Control Program guidelines</i>	19	isoniazid + rifampicin	tablets	75mg + 150mg and 150mg + 300mg
		20	rifampicin + isoniazid + pyrazinamide + ethambutol	tablets	150mg+75mg+400mg+275 mg
		21	ethambutol + isoniazid + rifampicin	tablets	275mg + 75mg + 150 mg
H	Antimalarial <i>For Vivax</i>	22	chloroquine (phosphate or sulfate)	tablets	150 mg
		23	primaquine (diphosphate)	tablets	15 mg
	Antimalarial <i>For Falciparum</i>	24	artesunate plus sulfadoxine and pyrimethamine	tablets	coblister of (6+2) tablets. two large tablets, has sulfadoxine 500mg U.S.P. + pyrimethamine 25mg U.S.P. & 6 small tablets, each contains artesunate 50mg U.S.P.
		25	artesunate plus sulfadoxine and pyrimethamine	tablets	coblister of (6+3) tablets. 3 large tablets each has sulfadoxine 500mg U.S.P.+ pyrimethamine 25mg U.S.P. 6 small tablets, each tablet contains artesunate 100mg U.S.P.
					<i>To be used in combination (coblister)</i>
I	Anti-Diabetics	26	glibenclamide	tablets	5 mg
		27	metformin (hydrochloride)	tablets	500 mg
J	Cardiovascular Drugs	28	furosemide ☒	tablets	20mg, 40mg
				injection	10 mg

EML for BHUs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		29	methyldopa	tablets	250 mg
		30	amlodipine	*tablet	5mg, 10mg
		31	atenolol	*tablet	50mg
		32	enalapril (maleate)	tablets	5mg, 10 mg
<b>K</b>	<b>GIT Drugs</b>	33	hyoscine (butylbromide)	injection	20mg/ml
				tablets	10 mg
		34	metoclopramide (hydrochloride) †	tablets	10 mg
				syrup	5 mg / 5ml
				injection	5mg/ml
		35	omeprazole ☐	capsules	10mg, 20mg, 40mg
		36	ranitidine	tablet	150mg
				injection	25 mg / ml in 2ml
37	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg		
38	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.		
<b>L</b>	<b>Respiratory Drugs</b>			tablets	2 and 4 mg
		39	salbutamol (sulfate) ☐	syrup	2mg/5ml
				solution	5 mg/ml for nebulizer
				40	aminophylline
<b>M</b>	<b>Miscellaneous</b>	41	atropine (sulfate) †	ampoule	1 mg in 1ml
		42	charcoal activated	powder	
		43	diazepam	injection	10 mg
gel or rectal solutions	5 mg/ml in 0.5 ml; 2-ml; 4-ml				

**EML for BHUs**

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		44	magnesium sulphate	injection	tubes
		45	oxygen concentrator / cylinder		
<b>N</b>	<b>Ophthalmic / ENT</b>	46	boroglycerine	ear drops (only for wax removing)	40.00%
		47	polymyxin B sulphate + lignocaine	ear drops	each ml is containing polymyxin B (sulphate):10000IU +propylene glycol:0.92ml+lignocaine:50mg;5ml plastic bottle.
		48	chloramphenicol *	*eye drops	0.50%
		49	gentamycin (sulfate)	eye drops	0.30%
		50	polymyxin B (sulphate)+ bacitracin zinc	eye oint	10000iu/g + 500iu/g
		<b>O</b>	<b>I/V Infusions Plasma Substitutes</b>	51	dextrose + saline
52	dextrose			infusion	5, 10 % (1000ml)
53	normal saline			infusion	0.9% (1000ml)
54	ringer's lactate			infusion	infusion,1000ml contains calcium chloride 0.2gm U.S.P.; potassium chloride 0.3gm U.S.P.; sodium chloride 6 gm U.S.P.; sodium lactate 3.1gm U.S.P.; sterile water for injection
55	water for injection			ampoule	5 ml and 10 ml
<b>P</b>	<b>Vitamins &amp; Minerals Micronutrients</b>	56	ascorbic acid	tablets	50mg, 100mg, 500 mg
		57	calcium lactate	tablets	500mg, 1gm
		58	ferrous salt (fumarate)	tablets	equivalent to 60 mg
	syrup			equivalent to 25 mg/ml	
	59	folic acid	tablets	0.5mg, 1mg and 5mg	
	60	ferrous salt + folic acid	tablets (DRAP approved)	tablet, equivalent to 60 mg iron + 400 mcg folic acid	
	<i>Nutritional supplement for use during pregnancy</i>				

### EML for BHUs




No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		61	multiple micronutrients	sachet	UNICEF approved
		62	retinol (vitamin A)	tablets/capsule	50 000 iu; 100 000 iu; 200 000 iu (as palmitate)
		63	zinc sulphate	dispersible tablets	20 mg
		64	B complex (B1, B6 and B12)	tablets	DRAP approved
		65	multivitamins	tablets	DRAP approved
<b>Q</b>	<b>Dermatologicals</b>	66	benzyl benzoate ☑ +	lotion	25%
		67	calamine ☑	lotion	
		68	hydrocortisone ☑	cream	1%
		69	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000iu/g + 500iu/g
		70	silver sulphadiazine ☑ +	cream	1%
<b>R</b>	<b>Oxytocic Drugs</b>	71	ergometrine ((hydrogen maleate) ☑	injection	200 mcg in 1ml
		72	misoprostol	tablets	200 mcg
		73	oxytocin	injection	10 iu in 1-ml
<b>S</b>	<b>Contraceptives</b>	74	condoms		
		75	ethynylestradiol ☑ + norethisterone ☑	CO pills	35mcg + 1mg
		76	levonorgestrel ☑	PO pills	30 mcg
		77	copper T / multiloal	IUCD	
		78	DMPA (medroxyprogesterone acetate)	injection	150 mg /1ml
		79	norethisterone enanthate	injection	200 mg/ml in 1ml
<b>T</b>	<b>Vaccines &amp;Sera</b>	80	BCG vaccine		<i>WHO approved / as per national EPI program</i>
		81	hepatitis B vaccine		
		82	measles vaccine		
		83	polio vaccine (OPV trivalent)/ IPV	oral/ injection	
		84	pentavalent vaccine		
		85	pneumococcal vaccine		
		86	tetanus toxoid		
		87	anti-rabies vaccine (PVRV)	single dose vial	
		88	anti-snake venom serum		

### EML for BHUs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
U	<b>Antiseptics/ Disinfectants</b> <i>Only chlorine based compound in stable dry granular form</i>  <i>Antiseptics for cord care</i>	89	povidone-iodine	solution	10 %w/v
		90	halogenated sodium phosphate	powder	100gms
		91	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		92	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
V	<b>Disposable Supplies</b>	93	syringe (auto disable) (DRAP approved)	sterile packs	1cc and 5cc
		94	I.V sets	sterile packs	DRAP approved
		95	I.V cannula (DRAP approved)	sterile packs	18g, 20g, 22g, 24g
		96	adhesive tape (hypoallergenic)	roll	1 and 2 inch
		97	surgical gauze		32 pix, 40 m
		98	cotton bandage	roll	6.5cm x 2m
		99	absorbent cotton wool	pack	500gm
		100	examination gloves	pairs	box of 100 (small, medium and large size) [1:2:1]
		101	sterile surgical gloves	pairs	6½, 7, 7½
		102	silk sutures	sterile packs	1/0, 2/0, 3/0
		103	face masks disposable		
		104	airways	all sizes	
		105	resuscitator bag with mask		
		106	blood lancets	sterile packs	
		107	slides		

## EML for BHUs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		108	clean delivery kits	sterile packs	<ul style="list-style-type: none"> <li>•1 bath soap, 50 gram wrapped</li> <li>•1 apron</li> <li>•2 paper towel</li> <li>•2 pairs of latex examination gloves (m)</li> <li>•1 plastic under sheet (about one square meter)</li> <li>•1 under pads 60cmx90cm</li> <li>•2 alcohol pads</li> <li>•2 packs of sponges (4 sponge)</li> <li>•1 sterile bulb sucker</li> <li>•2 sterile umbilical cord clamp</li> <li>•1 sterile surgical blade</li> <li>•2 cotton thread (cord ties)</li> <li>•1 maternity pad</li> <li>•1 white poly bag for disposal</li> <li>•1 unbleached dignity drape</li> <li>•1 instruction sheet</li> </ul>

-  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 BHUs

<b>Emergency Tray for BHU</b>			
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	25 ml 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

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
A	Anaesthetics Local	1	bupivacaine (hydrochloride)	vial	0.25%; 0.5%
		2	ketamine (hydrochloride)	injection	50mg /ml in 10ml
		3	lidocaine (hydrochloride) ☐	vial/ ampoule	5% (hydrochloride) in 2-ml ampoule to be mixed with 7.5% glucose solution.
				topical forms	2%gel, 4%solution
		4	lignocaine + epinephrine (adrenaline)	injection	2% + 1:200 000
5	lignocaine + epinephrine (adrenaline)	dental cartridge	2% + 1:80 000		
B	Analgesics / NSAIDs	6	acetylsalicylic acid (dispersible/ soluble)	tablets	300 mg
		7	mefenamic acid	tablets	250 mg
		8	diclofenac (sodium)	tablets	50 mg
				ampule	75 mg in 3ml
		9	ibuprofen ✦	tablets	200mg, 400 mg
				syrup	200 mg/5ml
		10	paracetamol	tablets	500 mg
				syrup	125 mg/5ml
				suppository	100 mg
		C	Antiallergics and Medicines used in Anaphylaxis	11	chlorpheniramine (hydrogen maleate) ☐ ✦
syrup ©	2 mg / 5ml				
12	dexamethasone (disodium phosphate)			injection	4 mg / ml
				tablets	0.5 mg
13	epinephrine (adrenaline)			ampule	0.1mg /ml
14	hydrocortisone (sodium succinate)			injection	100mg, 250 mg
15	loratadine			tablets	10 mg
		syrup	1 mg/ml		
16	prednisolone ☐	tablets	5 mg		
D	Antidotes and Other Substances used in Poisonings	17	atropine (sulfate) ✦	ampule	1 mg in 1ml
		18	charcoal activated	powder	
		19	diazepam	injection	10 mg
		20	naloxone (hydrochloride)	ampule	400 mcg in 1ml



EML for RHCs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
E	Anti-Epileptics Anti-Convulsants	21	carbamazepine	tablets	200 mg
				syrup	100mg / 5ml
		22	magnesium sulphate	injection	500mg/ml
		23	phenobarbital (sodium)	tablets	30 mg
				injection	200 mg /2ml
		24	phenytoin (sodium)	tablets	100 mg
		25	valproic acid (sodium valproate)	oral liquid	200 mg/5 ml
tablets	(crushable) 100 mg				
tablets	(enteric-coated) 200mg, 500 mg				
F	Antihelminthic	26	albendazole	tablets	200 mg
				syrup	100 mg / 5ml
		27	mebendazole (chewable)	tablets	500 mg (with caution only for adults)
		28	pyrantel (pamoate)	tablets	250 mg
syrup	250 mg / 5ml				
G	Anti-Fungal	29	clotrimazole	cream	1% w/v
				pessary	100, 500 mg
		30	nystatin	tablets	500,000 iu
				drops ©	100,000 iu/ml
				pessary	100 000 iu
H	ANTI-INFECTIVES Antibiotics/ Antmicrobials	31	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet	250mg, 500 mg
				syrup ©	125mg& 250mg /5ml
				injection	250mg, 500 mg
		32	ampicillin (as sodium salt)	injection	500 mg and 1 g
		33	azithromycin ☐	capsules	250mg, 500 mg
				suspension	125mg / 5ml in 22.5ml
34	benzyl penicillin (potassium)	injection ©	600 mg (= 1 million iu); 3 g (= 5 million iu) (sodium or potassium salt) in vial		
	Only for Epidemic Meningitis	35	chloramphenicol (palmitate) (sodium succinate)	capsules	250 mg


EML for RHCs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength	
	<i>Only listed for single-dose treatment of uncomplicated ano-genital gonorrhoea.</i>			syrup	125 mg / 5ml	
				injection	1 gm	
		36	cefixime* (trihydrate)	capsules	400 mg	
		37	ciprofloxacin ☐ (hydrochloride)	tablets	250mg, 500 mg	
		38	cotrimoxazole + (sulfamethoxazole + trimethoprim)	tablets ©	400mg+ 80 mg	
				syrup ©	200mg + 40mg/5 ml	
		39	doxycycline (hyclate) +	caps	100 mg	
		40	gentamicin (sulfate) ☐	injection	40mg, 80 mg	
		41	metronidazole ☐ (benzoate)	tablets	200mg, 400 mg	
				syrup	200 mg / 5ml	
				infusion	5mg/ml in 100ml	
		42	nitrofurantoin	tablets	100 mg	
		43	procaine benzyl penicillin	injection	1m iu, 3m iu	
		44	phenoxymethyl penicillin (potassium)	tablets	250mg, 500 mg	
				syrup	125 mg / 5ml	
I	<b>Anti-Virals</b> <b>Anti-Tuberculosis Drugs</b> <i>As per TB Control Program guidelines</i>	45	ribavirine	tablets	200mg, 400 mg	
J		46	isoniazid + rifampicin	tablets	75mg+ 150mg; 150mg + 300mg	
		47	rifampicin + isoniazid + pyrazinamide + ethambutol	tablets	150mg+75mg+ 400mg+275 mg	
		48	ethambutol + isoniazid + rifampicin	tablets	275mg + 75mg + 150 mg	
K		<b>Anti-Diabetics</b>	49	glibenclamide	tablets	5 mg
			50	metformin (hydrochloride)	tablets	500 mg
			51	insulin regular	injection	100 iu / ml
			52	insulin compound	injection	30%+ 70 % w/v
L	<b>Antimalarial</b>	53	chloroquine (phosphate or sulfate)	tablets	150 mg	
		<i>For Vivax</i>	54	primaquine (diphosphate)	tablets	15 mg
		<i>For Falciparum</i>	55	sulfadoxine + pyrimethamine co-blister / combined therapy	tablets	500mg+ 25 mg



EML for RHCs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	<i>To be used in combination (co blister)</i>	56	artesunate plus sulfadoxine and pyrimethamine	tablets	co blister of (6+2) tablets. two large tablets, has sulfadoxine 500mg U.S.P. + pyrimethamine 25mg U.S.P. & 6 small tablets, each contains artesunate 50mg U.S.P.
		57	artesunate plus sulfadoxine and pyrimethamine	tablets	co blister of (6+3) tablets. 3 large tablets each has sulfadoxine 500mg U.S.P.+ pyrimethamine 25mg U.S.P. 6 small tablets, each tablet contains artesunate 100mg U.S.P.
	58	artemether	ampule	80 mg/ml in 1-ml	
<b>M</b>	<b>GIT Drugs</b>	59	hyoscine (butylbromide)	injection	20 mg/ml
				tablets	10 mg
		60	metoclopramide (hydrochloride) ò	tablets	10 mg
				syrup	5 mg / 5ml
				injection	5mg/ ml
		61	omeprazole ☐	capsules	10mg, 20mg, 40mg
		62	ranitidine	tablet	150mg
				injection	25 mg / ml in 2ml
		63	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg
		64	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.
65	bisacodyl	tablets	5 mg		
66	glycerin	suppository			
<b>N</b>	<b>Cardiovascular Drugs</b>	67	glyceryl trinitrate	sublingual	500 mcg
		68	atenolol	tablet	50mg

EML for RHCs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		69	isosorbide dinitrate 	sublingual	5 mg
		70	nifedipine	tablets	20 mg
		71	methyldopa	tablets	250mg, 500 mg
				injection	250 mg
		72	hydrochlorothiazide 	injection	20 mg
				tablets	25mg, 50 mg
		73	enalapril (maleate)	tablets	5mg, 10 mg
		74	propranolol	tablets	10mg, 40mg, 80mg
75	furosemide 	tablets	20mg, 40 mg		
		injection	10 mg		
O	Oxytocic Drugs	76	ergometrine (hydrogen maleate) 	injection	200 mcg in 1ml
		77	misoprostol	tablets	200 mcg
		78	oxytocin	injection	10 iu in 1-ml
P	Respiratory Drugs	79	salbutamol (sulfate) 	tablets	2mg and 4mg
				syrup	2mg/5ml
				inhaler	100 micrograms
		80	aminophylline	injection	25 mg/ml
Q	Ophthalmic / ENT	81	boroglycerine	ear drops (only for wax removing)	40.00%
		82	chloramphenicol	eye drops	0.50%
		83	polymyxin B sulphate+lignocaine	ear drops	each ml is containing polymyxin B (sulphate):10000 IU +propylene glycol:0.92ml +lignocaine:50mg;5ml plastic bottle.
		84	gentamycin (sulfate) 	eye drops	0.30%
		85	tetracycline (hydrochloride) 	eye ointment	1%
		86	polymyxin B (sulphate)+ bacitracin zinc	eye oint	10000iu/g + 500iu/g
		R	IV Infusions	87	plasma expander
88	dextrose			infusion	5%, 10 % (1000ml)
			ampoule	25% (20ml/25ml)	
	Plasma Substitutes				

EML for RHCs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		89	normal saline	infusion	0.9% (1000ml)
		90	dextrose + saline	infusion	5 % + 0.9% w/v (1000ml)
		91	ringer's lactate 	infusion	infusion, 1000ml contains calcium chloride 0.2gm U.S.P.; potassium chloride 0.3gm U.S.P.; sodium chloride 6 gm U.S.P.; sodium lactate 3.1gm U.S.P.; sterile water for injection
		92	potassium chloride	solution	11.2% in 20ml/25ml ampoule
		93	sodium bicarbonate	injection	1.4% isotonic (50ml)
		94	water for injection	ampoule	5 ml, 10 ml
<b>S</b>	<b>Vitamins &amp; Minerals</b>	95	ascorbic acid	tablets	50mg, 100mg, 500 mg
		96	calcium gluconate	injection	100 mg/ml in 10-ml
		97	calcium lactate	tablets	500mg, 1gm
		98	calcium chloride	injection	200 mg/ml
		99	ergocalciferol (vitamin D) 	tablets	1.25 mg (50 000 iu)
		100	ferrous salt (fumarate)	tablets	equ 60 mg
				syrup	equ 25 mg/ml
		101	folic acid	tablets	0.5mg, 1mg & 5mg
		102	ferrous salt + folic acid	tablets (DRAP approved)	tablet, equivalent to 60 mg iron + 400 mcg folic acid
		103	multiple micronutrients	sachet	UNICEF approved
		104	retinol (vitamin A)	tablets/capsules	50 000 iu; 100 000 iu; 200 000 iu (as palmitate)
		105	potassium chloride	tablets	500mg
		106	zinc sulphate	dispersible tablets	20 mg
		107	vitamin K	injection	10 mg
		108	B complex (B1, B6 and B12)	tablets	DRAP approved
		109	multivitamins	tablets	DRAP approved
<b>T</b>	<b>Miscellaneous</b>	110	tranexamic acid	injection	250mg, 500mg /5ml
				caps	250mg, 500mg
		111	oxygen (medicinal gas) cylinder	inhalation	

EML for RHCs




No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
U	Dermatologicals	112	benzyl benzoate ☐ +	lotion	5% & 25%
		113	permethrin	cream, lotion	5%w/w
		114	calamine ☐	lotion	15%
		115	hydrocortisone ☐	cream	1%
		116	polymyxin b (sulphate)+ bacitracin zinc	ointment	10000iu/g + 500iu/g
		117	silver sulphadiazine +	cream	1%
V	Contraceptives	118	condoms		
		119	ethynylestradiol ☐ + norethisterone ☐	CO pills	35mcg + 1mg
		120	levonorgestrel	PO pills	30 mcg
		121	levonorgestrel	EC pills	750 mcg (pack of 2)
		122	copper T / multiload	IUCD	
		123	DMPA (medroxyprogesterone acetate)	injection	150 mg 1ml
		124	norethisterone enanthate	injection	200 mg/ml in 1ml
		125	estradiol cypionate + medroxyprogesterone acetate	injection	5 mg + 25 mg
W	Vaccines & Sera	126	BCG vaccine		<i>WHO approved/ as per national EPI program</i>
		127	polio vaccine (OPV trivalent)/IPV	oral/ injection	
		128	hepatitis B vaccine		
		129	measles vaccine		
		130	tetanus toxoid		
		131	pentavalent vaccine		
		132	pneumococcal vaccine		
		133	anti-rabies vaccine (PVRV)	single dose vial	
		134	anti-snake venom serum		
X	Anxiolytics	135	alprazolam	tablets	0.5 mg
		136	diazepam	tablets	2 mg
Y	Antiseptics/ Disinfectants  Only chlorine based compound in stable dry granular form	137	povidone-iodine	solution	10 %w/v
		138	halogenated natrium phosphate	powder	100gms

EML for RHCs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	<i>Antiseptics for cord care</i>	139	chlorine base compound	powder	(0.1% available chlorine) for solution
		140	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		141	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
<b>Z</b>	<b>Disposable Supplies</b>	142	syringe (auto disable)	sterile packs	1cc and 5cc
		143	I.V sets	sterile packs	DRAP approved
		144	scalp vein set	sterile packs	DRAP approved
		145	volumetric chamber (I.V. burette)	sterile packs	100 ml size
		146	I.V cannula (DRAP approved)	sterile packs	16g, 20g, 24g
		147	adhesive tape (hypoallergenic)	roll	1, 2 inch
		148	sterile gauze dressing		7.5 x 7.5 cm (10 ply)
		149	cotton bandage BPC	roll	6.5cm x 2m
		150	absorbent cotton wool BPC	pack	500gm
		151	crepe bandage BPC		7.5, 10 cm x 2.7m
		152	examination gloves	pairs	box of 100 (small, medium and large size) [1:2:1]
		153	sterile surgical gloves	pairs	6½, 7, 7½
		154	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0
		155	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		156	face masks disposable		
		157	blood lancets	sterile packs	
		158	glass slides		
		159	endotracheal tube (ETT)	sterile packs	set of 12 (all sizes)
		160	resuscitator bag with mask		
		161	nasogastric (NG) tube	all sizes	adult / paed

## EML for RHCs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		162	clean delivery kits	sterile packs	<ul style="list-style-type: none"> <li>•1 bath soap, 50 gram wrapped</li> <li>•1 apron</li> <li>•2 paper towel</li> <li>•2 pairs of latex examination gloves (m)</li> <li>•1 plastic under sheet (about one square meter)</li> <li>•1 under pads 60cmx90cm</li> <li>•2 alcohol pads</li> <li>•2 packs of sponges (4 sponge)</li> <li>•1 sterile bulb sucker</li> <li>•2 sterile umbilical cord clamp</li> <li>•1 sterile surgical blade</li> <li>•2 cotton thread (cord ties)</li> <li>•1 maternity pad</li> <li>•1 white poly bag for disposal</li> <li>•1 unbleached dignity drape</li> <li>•1 instruction sheet</li> </ul>

-  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 RHCs

<b>Emergency Tray for RHC</b>			
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






EML for RHCs

<b>Emergency Tray for RHC</b>			
<b>Sr#</b>	<b>Items Name</b>	<b>Strength</b>	<b>Qty</b>
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
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 THQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
A	<b>Anaesthetics General</b>	1	halothane	inhalation	
		2	isoflurane	inhalation	
		3	nitrous oxide	inhalation	
		4	oxygen (medicinal gas) cylinder	inhalation	
		5	ketamine (hydrochloride)	injection	50mg /ml in 10ml
		6	thiopental sodium	injection	10 mg/ml; 20 mg/ml
B	<b>Muscle Relaxants</b>	7	neostigmine (metilsulfate) (bromide)	injection	2.5 mg in 1ml
				tablets	15 mg
		8	suxamethonium (chloride)	ampoule	50 mg /ml in 2-ml
C	<b>Anaesthetics Local</b>	9	bupivacaine (hydrochloride) ☐	vial /ampule	0.25%; 0.5%
		10	injection for spinal anaesthesia	ampoule	(5mg/ml) 0.5% in 4-ml
		11	lidocaine (hydrochloride) ☐	vial/ ampoule	5% (hydrochloride) in 2-ml ampoule to be mixed with 7.5% glucose solution.
				topical forms	2%gel, 4%solution
		12	lignocaine + epinephrine (adrenaline)	injection	2% + 1:200 000
				dental cartridge	2% + 1:80 000
		13	ephedrine (hydrochloride)	ampoule	30 mg in 1-ml
D	<b>Analgesics Opioid</b>	14	morphine (sulphate or hydrochloride)	ampoule	10 mg 1-ml
		15	tramadol HCL	injection	100mg/2ml
		16	ketorolac trometamol	injection	30mg/ml
		17	nalbuphine HCL	injection	20mg/ml
		18	pethidine (hydrochloride)	ampule	50 mg/ml in 2ml
		19	midazolam	injection	1 mg/ml
				oral liquid ☉	2 mg/ml
tablets	7.5 mg and 15mg				
E	<b>Analgesics / NSAIDs</b>	20	acetylsalicylic acid	dispersible/ soluble tablets	300 mg
		21	diclofenac (sodium)	tablets	50 mg
ampoule	75 mg in 3ml				
		22	ibuprofen ✦	tablets	200mg, 400 mg
				syrup	200 mg/5ml

EML for THQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		23	piroxicam	injection	20mg / ml
		24	naproxen	tablets	250, 500 mg
		25	paracetamol	tablets	500 mg
				syrup	125 mg / 5ml
				suppository	100 mg
<b>F</b>	<b>Medicines to treat gout</b>	26	allopurinol	tablets	100 mg and 300mg
<b>G</b>	<b>Antiallergics and Medicines used in Anaphylaxis</b>	27	chlorpheniramine (maleate)  	tablets	4 mg
				syrup 	2 mg / 5ml
		28	loratadine	tablets	10 mg
				syrup	1 mg/ml
		29	promethazine (HCL)	tablets	25 mg
				syrup	25 mg/5ml
				injection	25 mg/ml in 2ml
		30	dexamethasone (disodium phosphate)	injection	4 mg / ml
				tablets	0.5 mg
		31	epinephrine (adrenaline)	ampule	0.1mg /ml
32	hydrocortisone (sodium succinate)	injection	100mg, 250 mg		
33	prednisolone 	tablets	5 mg		
34	pheniramine (maleate)	injection	22.7mg/2ml		
<b>H</b>	<b>Antidotes and Other Substances used in Poisonings</b>	35	atropine (sulfate) 	ampoule	1 mg in 1ml
		36	charcoal activated	powder	
		37	methylthioninium chloride (methylene blue)	ampoule	10mg/ml -in 10ml
		38	naloxone (hydrochloride)	ampoule	400 mcg in 1ml
<b>I</b>	<b>Antiepileptics Anticonvulsants</b> <i>For Eclampsia only</i>	39	carbamazepine	tablets	200 mg
				syrup	100mg / 5ml
		40	magnesium sulphate	injection	500mg/ml
		41	phenobarbital (sodium)	tablets	30 mg
				injection	200 mg /2ml
		42	phenytoin (sodium)	tablets	100 mg
syrup	30 mg/5 ml				
43	divalproex sodium (semi sodium valproate)	tablet	250mg		
	<b>ANTI-INFECTIVES</b>				

EML for THQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
J	Antibiotics/ Antimicrobials	44	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet	250mg, 500 mg
				powder for suspension ☺	125mg & 250mg /5ml
				injection	250mg, 500 mg
		45	ampicillin (sodium)	capsules	250mg, 500 mg
				powder for suspension ☺	125mg & 250 /5ml
				injection	500 mg and 1 g
		46	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
		47	benzyl penicillin (potassium)	injection ☺	600 mg (= 1 million IU); 3 g (= 5 million IU) (sodium or potassium salt) in vial
		48	cloxacillin	capsules	250, 500 mg
				powder for suspension ☺	125mg & 250mg /5ml
		49	cefixime* (trihydrate)	capsules	400 mg
		50	ceftriaxone (sodium) ò	powder for injection	250mg, 500mg, 1gm
51	chloramphenicol (palmitate) (sodium succinate)	capsules	250 mg		
		syrup	125 mg / 5ml		
		injection	1 gm		
52	ciprofloxacin (hydrochloride) ☒	tablets	250mg, 500 mg		
53	azithromycin ☒	capsules	250mg, 500 mg		
		suspension	125mg / 5ml in 22.5ml		

*Only listed for  
single-dose treatment  
of uncomplicated  
ano-genital  
gonorrhoea.*

*Only for Epidemic  
Meningitis*

EML for THQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
K	Antihelminthic	54	clarithromycin	tablets	500 mg
				suspension	125 mg / 5ml
		55	clindamycin (hydrochloride) (phosphate)	capsules	150mg, 300mg
				injection	150mg / ml
		56	cotrimoxazole + (sulfamethoxazole + trimethoprim)	tablets ☺	400 + 80 mg
				syrup ☺	200mg + 40mg/5 ml
		57	doxycycline (hyclate) +	capsules ☺	100 mg
		58	gentamicin (sulfate) ☒	injection	40mg, 80 mg
		59	levofloxacin	tablets	250mg, 500 mg
		60	metronidazole ☒ (benzoate)	tablets	200mg, 400 mg
				injection	500 mg in 100-ml
				syrup	200 mg / 5ml
		61	nitrofurantoin	tablets	100 mg
		62	moxifloxacin	tablets/capsule	400mg
				injection	400mg/250ml
		63	cephradine	capsule	500mg
				syrup	250mg/5ml
				injection	500mg
		64	procaine benzyl penicillin	injection	1, 3 m iu
		65	phenoxymethyl penicillin (potassium)	tablets	250mg, 500 mg
syrup	125 mg / 5ml				
66	albendazole	tablets	200 mg		
		syrup	100 mg / 5ml		
67	mebendazole (chewable)	tablets	500 mg (with caution only for adults)		
68	pyrantel (pamoate)	tablets	250 mg		
		syrup	250 mg / 5ml		
L	Anti-Fungal	69	clotrimazole	skin cream	1%w/v
				vaginal tablet	100mg, 500 mg
		70	fluconazole ☒	capsules	50 mg
				injection	2 mg/ml

EML for THQs




No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
				syrup	50 mg/5 ml
		71	nystatin	tablets	500,000 iu
				drops ☺	100,000 iu/ml
<b>M</b>	<b>Antiherpes Medicines</b>	72	acyclovir ☒	tablets	200 mg
				injection	500mg
<b>N</b>	<b>Antileishmaniasis Medicines</b>	73	amphotericin B	injection	50 mg in vial
		74	sodium stibogluconate	injection	100 mg/ml in 30ml vial
<b>O</b>	<b>Anti-Tuberculosis Drugs</b> <i>As per TB Control Program guidelines</i>	75	ethambutol	tablets	400 mg
				oral liquid ☺	25 mg/ml
		76	isoniazid	tablets/syrup ☺	50mg, 100mg, 300 mg
		77	pyrazinamide	tablets	500 mg
		78	rifampicin	caps / syrup ☺	150mg,300mg,450mg,600mg
		79	streptomycin	injection	1 gm
		80	ethambutol + isoniazid	tablets	400mg + 150 mg
		81	isoniazid + rifampicin	tablets	75mg +150mg ; 150mg+300mg
		82	isoniazid + pyrazinamide + rifampicin	tablets	75mg + 400mg + 150 mg.
		83	rifampicin + isoniazid + pyrazinamide + ethambutol	tablets	150mg+75mg+ 400mg+275 mg
		84	ethambutol + isoniazid + rifampicin	tablets	275mg + 75mg + 150 mg
<b>P</b>	<b>Anti-Diabetics</b>	85	glibenclamide	tablets	5 mg
		86	metformin (hydrochloride)	tablets	500 mg
		87	insulin NPH	injection	100 IU / ml
		88	insulin regular	injection	100 IU / ml
		89	insulin comp	injection	30% w/v + 70 % w/v
		90	sitagliptin	tablet	50mg
		91	gliclazide	tablet	80mg
<b>Q</b>	<b>Antimalarial</b> <i>For Vivax</i> <i>For Falciparum</i>	92	chloroquine (phosphate or sulfate)	tablets	150 mg
		93	primaquine (diphosphate)	tablets	15 mg
		94	sulfadoxine + pyrimethamine	tablets	500 mg + 25 mg

EML for THQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength	
R	<i>To be used in combination (coblister)</i>	95	artesunate plus sulfadoxine and pyrimethamine	tablets	coblister of (6+2) tablets. two large tablets, has sulfadoxine 500mg U.S.P. + pyrimethamine 25mg U.S.P. & 6 small tablets, each contains artesunate 50mg U.S.P.	
		96	artesunate plus sulfadoxine and pyrimethamine	tablets	coblister of (6+3) tablets. 3 large tablets each has sulfadoxine 500mg U.S.P.+ pyrimethamine 25mg U.S.P. 6 small tablets, each tablet contains artesunate 100mg U.S.P.	
	GIT Drugs	<i>Management of Severe Malaria</i>	97	artemether	ampoule	80 mg/ml in 1-ml
			98	artemether + lumefantrine	tablets ☺	20 mg + 120 mg
			99	hyoscine (butylbromide)	injection	20 mg/ml
					tablets	10 mg
			100	phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglu cinol 80 mg
			101	domperidone	tablets	10mg
			102	metoclopramide (hydrochloride) ✦	tablets	10 mg
					syrup	5 mg / 5ml
					injection	20 mg/ml
			103	omeprazole ☐	injection	40 mg
					capsules	10mg, 20mg, 40mg
			104	ranitidine	tablet	150mg
					injection	25 mg / ml in 2ml
105	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg			



EML for THQs

No	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>	106	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.	
		107	sodium phosphate	enema	7.2g /120ml	
		108	bisacodyl	tablets	5 mg	
		109	glycerin	suppository		
		110	magnesium oxides and hydroxides	suspension	7.9 %w/v	
<b>S</b>	<b>Cardiovascular Drugs</b>	111	acetylsalicylic acid	tablets	100 mg	
		112	bisoprolol 	tablets	1.25 mg; 5 mg	
		113	digoxin	tablets	62.5, 250mcg	
				injection	250mcg /ml in 2ml	
		114	dopamine (hydrochloride)	injection	40 mg/ml in 5ml vial	
		115	amlodipine	tablet	5mg, 10mg	
		116	losartan potassium	tablet	50mg	
		117	atenolol	tablet	50mg	
		118	enalapril (maleate) 	tablets	2.5mg, 5 mg	
		119	glyceryl trinitrate	sublingual	500 mcg	
		<i>For severe PIH only</i>	120	hydralazine (hydrochloride)	injection	20 mg
					tablets	25mg, 50 mg
		<i>For severe PIH only</i>	121	isosorbide dinitrate 	sublingual	5 mg
tablets	5mg, 10mg, 50 mg					
infusion	10 mg/10ml					
<i>For severe PIH only</i>	122	methyldopa	tablets	250mg, 500 mg		
			injection	250 mg		
		123	streptokinase	powder for injection	1.5 million IU	










EML for THQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		124	propranolol	tablet	10mg, 40mg, 80 mg
		125	simvastatin 	tablet	5mg, 10mg, 20mg, 40 mg
		126	verapamil (hydrochloride)	tablet	40 mg; 80 mg
		127	amiodarone HCL	injection	150mg
				tablet	100mg
T	Diuretics	128	furosemide 	tablets	20 mg, 40 mg
				injection	10 mg
		129	hydrochlorothiazide 	tablets	12.5mg, 25 mg
		130	spironolactone + furosemide	tablet	50mg + 20mg
		131	spironolactone	tablets	25 mg, 100mg
U	Antivirals for Hepatitis	132	interferon alpha 2b	injection	3 MIU
		133	tenofovir (disoproxil fumarate)	tablet	300mg
		134	entecavir	tablet	0.5mg
		135	ribavirine	tablets	200mg, 400mg, 600 mg
V	Medicines Affecting Coagulation	136	heparin sodium	injection	1000, 5000, 20000 IU/ml
		137	tranexamic acid	injection	100 mg/ml in 10-ml
				capsules	250mg, 500mg
		138	clopidogrel	tablets	75mg, 150mg, 300 mg
139	warfarin (sodium) 	tablets	1mg, 2mg, 5 mg		
W	Oxytocic Drugs	140	ergometrine ((hydrogen maleate) 	injection	200 mcg in 1ml
		141	misoprostol	tablets	200 mcg
		142	oxytocin	injection	10 IU in 1-ml
X	Respiratory Drugs	143	aminophylline	injection	25mg/ml in 10ml
				tablets	100 mg
		144	beclomethasone (dipropionate)	inhaler	50 mcg/actu
		145	salbutamol (sulfate) 	tablets	2mg, 4 mg
				syrup	2mg/5ml
				inhaler	100 micrograms
				injection	50 micrograms in 5ml
	solution for nebulizer	5 mg /ml			




EML for THQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		146	montelukast	tablets	4mg, 5mg, 10 mg
		147	ammonium chloride + chloroform + menthol + diphenhydramine + sodium citrate	antitussive expectorant	131.5mg/5ml + 22mg/5ml + 1mg/5ml + 13.5mg/5ml + 55mg/5ml
		148	dextromethorphan + diphenhydramine	antitussive syrup	12.5mg/5ml + 12.5mg/5ml
Y	Ophthalmics	149	dexamethosone	eye drops	0.1 %w/v
		150	gentamicin (sulfate) ☐	eye drops	0.30%
		151	tropicamide	eye drops	1 %w/v
		152	chloramphenicol	eye drops	0.50%
		153	pilocarpine (hydrochloride or nitrate)	eye drops	2%; 4%
		154	tetracycline (hydrochloride) ☐	eye ointment	1%
				eye drops	0.50%
		155	sulphacetamide	eye drops	10, 20 %w/v
		156	miconazole (nitrate)	eye ointment	2%
		157	polymyxin B (sulphate)+ bacitracin zinc	eye ointment	10000IU/g + 500IU/g
		158	tetracaine (hydrochloride) ☐ +	drops	0.50%
159	timolol (hydrogen maleate) ☐	eye drops	0.25%; 0.5%		
Z	ENT	160	boroglycerine	ear drops (only for wax removing)	40%
		161	ciprofloxacin	ear drops	0.30%
		162	polymyxin B sulphate+lignocaine	ear drops	each ml is containing polymyxin B (sulphate):10000I U+propylene glycol:0.92ml+lignocaine:50mg;5ml plastic bottle.
		163	ephedrine	nasal drops	0.5%
		164	lignocaine	topical solution	4%
		165	saline nasal drops	nasal drops	0.9%
		166	xylometazoline ☐ +	nasal spray	0.05%
AA	I/V Infusions Plasma Substitutes	167	plasma expander	infusion	dextran 6 %w/v, glucose 5 %w/v
		168	dextrose	infusion	5, 10, % (1000ml)
				ampoule	25% (20ml/25ml)


### EML for THQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		169	normal saline	infusion	0.9% (1000ml)
		170	dextrose + saline	infusion	5 % + 0.9% w/v (1000ml)
		171	dextrose + saline	infusion	5 % + 0.9% w/v
		172	ringer's lactate 	solution	infusion, 1000ml contains calcium chloride 0.2gm U.S.P.; potassium chloride 0.3gm U.S.P.; sodium chloride 6 gm U.S.P.; sodium lactate 3.1gm U.S.P.; sterile water for injection
		173	potassium chloride	injection	1.4% isotonic (50ml)
		174	mannitol	infusion	10% and 20 %w/v (500ml)
		175	water for injection	ampoule	5 ml, 10 ml
<b>AB</b>	<b>Dermatologicals</b>	176	benzyl benzoate  	lotion	5% & 25%
		177	betamethasone  	cream / ointment	0.1%
		178	calamine 	lotion	15%
		179	coal tar	lotion	5%
		180	hydrocortisone 	cream	1%
		181	permethrin	cream / lotion	5 % / 1 %
		182	salicylic acid	solution	5%
		183	miconazole (nitrate)	cream / ointment	2%
		184	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000IU/g + 500IU/g
		185	silver sulphadiazine 	cream	1%
		186	sodium thiosulphate	solution	15%
<b>AC</b>	<b>Vitamins &amp; Minerals</b>	187	ascorbic acid	tablets	50mg, 100mg, 500 mg
		188	calcium gluconate	injection	100 mg/ml in 10-ml
		189	calcium lactate	tablets	500mg, 1gm
		190	ergocalciferol (vitamin D) 	tablets	1.25 mg (50 000 IU)
		191	ferrous salt (fumarate)	tablets syrup	equivalent to 60 mg equivalent to 25 mg/ml

EML for THQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		192	folic acid	tablets	0.5mg, 1mg & 5mg
	<i>For Acute Diarrhoea</i>	193	ferrous salt + folic acid	tablets (DRAP approved)	tablet, equivalent to 60 mg iron + 400 mcg folic acid
		194	vitamin K	injection	10 mg
		195	hydroxocobalamin	ampule	1 mg in 1ml
		196	multiple micronutrients	sachet	UNICEF approved
		197	potassium chloride	tablets	500mg
		198	retinol (vitamin A)	tablets/ capsules	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)
		199	zinc sulphate	dispersible tablets	20 mg
		200	B complex (B1, B6 And B12)	tablets	DRAP approved
		201	multivitamins	tablets	DRAP approved
<b>AD</b>	<b>Contraceptives</b>	202	condoms		
		203	ethynylestradiol  + norethisterone 	CO pills	35mcg + 1mg
		204	levonorgestrel 	PO pills	30 mcg
		205	levonorgestrel	EC pills	750 mcg (pack of 2)
		206	copper T / multiload	IUCD	
		207	DMPA (medroxyprogesterone acetate)	injection	150 mg/ 1ml
		208	norethisterone enanthate	injection	200 mg/ml in 1ml
		209	estradiol cypionate + medroxyprogesterone acetate	injection	5 mg + 25 mg
		210	levonorgestrel-releasing implant	sub dermal implant	2 rod 75mg each (Use life: 5 years)
		211	etonogestrel- releasing implant	sub dermal implant	1 rod 68mg each (Use life: 3 years)
<b>AE</b>	<b>Vaccines &amp;Sera</b>	212	BCG vaccine		<i>WHO approved/as per national EPI program</i>
		213	polio vaccine (OPV trivalent)/IPV	oral/ injection	
		214	hepatitis B vaccine		
		215	measles vaccine		
		216	tetanus toxoid		
		217	pentavalent vaccine		
		218	pneumococcal vaccine		
219	meningococcal vaccine				

EML for THQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength	
		220	anti-rabies vaccine (PVRV)	single dose vial	>2.5 iu	
		221	anti-snake venom serum			
		222	anti D immunoglobulin (human)	single dose vial	250 micrograms	
		223	diphtheria antitoxin	vial	10 000 IU; 20 000 IU	
		224	tetanus immunoglobulin (human)	injection	500 IU in vial	
		225	rabies immunoglobulin (human)	vial	150 IU/ml	
AF	Medicines for Mental & Behavioral Disorders	226	chlorpromazine  (hydrochloride)	injection	25mg in 2ml	
		227		tablets	100 mg	
		228	haloperidol	injection	5mg/ml	
		229		tablets	5mg	
	Tranquilizers	230	alprazolam	tablets	0.5 mg	
		231	diazepam	tablets	2, 5mg	
		232		injection	10mg	
	Anti-parkinsonism	233	biperiden	injection	5 mg (lactate) in 1-ml	
		234		tablets	2 mg (hydrochloride)	
		235	levodopa + carbidopa	tablets	100mg + 10 mg; 250mg + 25 mg	
		236	procyclidine (HCL)	tablets	5mg	
		237	ortho-phthalaldehyde	solution	0.55%	
AG	Antiseptics/ Disinfectants	238	povidone-iodine	solution	10 %w/v	
		239	halogenated natrium phosphate	powder	100gms	
		240	chlorine based compound	powder	(0.1% available chlorine) for solution	
		<i>Only chlorine based compound in stable dry granular form</i>	241	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
			242	acriflavine	cream	0.1 %w/w
			243	tincture benzoin compound	solution	7.5 %w/v
			244	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
			245	syringe (auto disable) (DRAP approved)	sterile packs	1 cc, 5cc
AH	Disposable Supplies					

### EML for THQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		246	disposable syringe (DRAP approved)	sterile packs	50 cc
		247	I.V sets	sterile packs	DRAP approved
		248	scalp vein set	sterile packs	DRAP approved
		249	volumetric chamber (I.V. burette)	sterile packs	100 ml size
		250	I.V cannula (DRAP approved)	sterile packs	16G, 20G, 22G, 24G
		251	adhesive tape (hypoallergenic)	roll	1, 2 inch
		252	sterile gauze dressing BPC		7.5 x 7.5 cm (10 ply)
		253	cotton bandage BPC	roll	6.5cm x 2m
		254	absorbent cotton wool BPC	pack	500gm
		255	crepe bandage BPC	roll	7.5, 10 cm x 2.7m
		256	examination gloves	pairs	box of 100 (small, medium and large size) [1:2:1]
		257	sterile surgical gloves	pairs	6½, 7, 7½, 8
		258	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0
		259	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		260	silk sutures sterile	12 / pack	8/0, 10/0
		261	prolene / vicryl sterile sutures	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		262	plaster of paris bandage BPC	roll	10cm, 20cm x 6m
		263	face masks disposable		
		264	blood lancets	sterile packs	
		265	glass slides	sterile packs	
		266	endotracheal tube (all sizes)	sterile packs	Adult / Paeds
		267	nasogastric tube (all sizes)	sterile packs	Adult / Paeds
		268	Foley's catheter (all sizes)	sterile packs	All Sizes
		269	urine bags	sterile packs	Adult / Paeds
		270	blood transfusion set	sterile packs	
		271	blood bags	sterile packs	Single
		272	disposable airways	sterile packs	All Sizes
		273	suction catheter	sterile packs	
		274	sterilized cord clamps	sterile packs	
		275	spinal needle	sterile packs	
		276	surgical blades	sterile packs	

### EML for THQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		277	clean delivery kits	sterile packs	<ul style="list-style-type: none"> <li>•1 bath soap, 50 gram wrapped</li> <li>•1 apron</li> <li>•2 paper towel</li> <li>•2 pairs of latex examination gloves (m)</li> <li>•1 plastic under sheet (about one square meter)</li> <li>•1 under pads 60cmx90cm</li> <li>•2 alcohol pads</li> <li>•2 packs of sponges (4 sponge)</li> <li>•1 sterile bulb sucker</li> <li>•2 sterile umbilical cord clamp</li> <li>•1 sterile surgical blade</li> <li>•2 cotton thread (cord ties)</li> <li>•1 maternity pad</li> <li>•1 white poly bag for disposal</li> <li>•1 unbleached dignity drape</li> <li>•1 instruction sheet</li> </ul>
AL	Radio contrast Media	278	amidotrizoate	injection	140 to 420 mg iodine /ml in 20 ml
		279	barium sulfate	aqueous suspension	
		280	iohexol	injection	140 mg to 350 mg iodine/ml in 5-ml; 10-ml; 20-ml ampoules.
AM	Dental Materials	281			



*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 DHQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
A	<b>Anaesthetics General</b>	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	<b>Muscle Relaxants</b>	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	<b>Anaesthetics Local</b>	9	bupivacaine (hydrochloride) ☐	vial	0.25%; 0.5%
		10	injection for spinal anaesthesia	ampoule	(5mg/ml) 0.5% in 4-ml
		11	lidocaine (hydrochloride) ☐	vial/ ampoule	5% (hydrochloride) in 2-ml ampoule to be mixed with 7.5% glucose solution.
				topical forms	2%Gel, 4%Solution
		12	lignocaine + epinephrine (adrenaline)	injection	2% + 1:200 000
		13	lignocaine + epinephrine (adrenaline)	dental cartridge	2% + 1:80 000
		14	ephedrine (hydrochloride)	ampoule	30 mg in 1-ml
<i>Complementary List</i>					
D	<b>Analgesics Opioid</b>	15	morphine (sulphate or hydrochloride)	ampoule	10 mg 1-ml
		16	pethidine (hydrochloride)	ampoule	50 mg/ml in 2ml
		17	midazolam	injection	1 mg/ml
				tablets	7.5 mg
		18	tramadol HCL	injection	100mg/2ml
		19	ketorolac trometamol	injection	30mg/ml
		20	nalbuphine HCL	injection	20mg/ml
E	<b>Analgesics / NSAIDs</b>	21	acetylsalicylic acid	dispersible/ soluble tablets	300 mg
				suppository	50 mg to 150 mg
		22	diclofenac (sodium)	tablets	50 mg
				ampoule	75 mg in 3ml

EML for DHQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		23	piroxicam	injection	20mg / ml
		24	naproxen	tablets	250mg, 500 mg
		25	meloxicam	tablets	7.5mg, 15 mg
		26	ibuprofen †	tablets	200mg, 400 mg
				syrup	200 mg/5ml
		27	paracetamol	tablets	500 mg
				syrup	125 mg / 5ml
				suppository	100 mg
<b>F</b>	<b>Medicines To Treat Gout</b>	28	allopurinol	tablets	100 mg
<b>G</b>	<b>Antiallergics and Medicines used in Anaphylaxis</b>	29	chlorpheniramine (hydrogen maleate) ☐ †	tablets	4 mg
				syrup ☉	2 mg / 5 ml
		30	loratadine	tablets	10 mg
				syrup	1 mg/ml
		31	promethazine (HCL)	tablets	25 mg
				syrup	25 mg/5ml
				injection	25 mg/ml in 2ml
		32	dexamethasone (disodium phosphate)	injection	4 mg / ml
				tablets	0.5 mg
		33	epinephrine (adrenaline)	ampoule	0.1mg /ml
34	hydrocortisone (sodium succinate)	injection	100mg, 250 mg		
35	prednisolone ☐	tablets	5 mg		
36	pheniramine (maleate)	injection	22.7mg/2ml		
<b>H</b>	<b>Antidotes and Other Substances used in Poisonings</b>	37	atropine (sulfate) †	ampule	1 mg in 1ml
		38	charcoal activated	powder	
		39	methylthionium chloride (methylene blue)	ampule	10mg/ml -in 10ml
		40	naloxone (hydrochloride)	ampule	400 mcg in 1ml
<b>I</b>	<b>Antiepileptics Anticonvulsants</b>  <i>For Eclampsia only</i>	41	carbamazepine	tablets	200 mg
				syrup	100mg / 5ml
		42	valproic (as sodium)	tablets	500mg
		43	magnesium sulphate	injection	500mg/ml
		44	phenobarbital (sodium)	tablets	30 mg

EML for DHQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
				injection	200 mg /2ml
		45	phenytoin (sodium)	tablets	100 mg
				syrup	30 mg/5 ml
J	Antibiotics/ Antimicrobial	46	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet	250mg, 500 mg
				powder for suspension ☉	125mg & 250mg /5ml
				injection	250 mg, 500 mg
		47	ampicillin (sodium)	capsules	250mg, 500 mg
				powder for suspension ☉	125mg & 250mg /5ml
				injection	500 mg and 1 g
		48	cephradine	capsule	500mg
				syrup	250mg/5ml
				injection	500mg
		49	amikacin (sulfate)	injection	500mg, 1gm
		50	azithromycin ☐	capsules	250, 500 mg
				suspension	125mg / 5ml in 22.5ml
		51	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
		52	benzyl penicillin (potassium)	injection ☉	600 mg (= 1 million IU); 3 g (= 5 million IU) (sodium or potassium salt) in vial
53	cloxacillin	capsules	250mg, 500 mg		
		powder for suspension ☉	125 mg & 250 mg /5ml		
54	cefixime (trihydrate)	capsules	400 mg		
		55	ceftriaxone (sodium) ✦	powder for injection	250mg, 500mg, 1gm

*Reserved 2nd line*

*Only listed for  
single-dose treatment  
of uncomplicated  
ano-genital  
gonorrhoea.*

### EML for DHQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength	
	<i>Only for Epidemic Meningitis</i>	56	chloramphenicol (palmitate) (sodium succinate)	capsules	250 mg	
				syrup	125 mg / 5ml	
				injection	1 gm	
		<i>Recommended for use in combination regimens for eradication of H. Pylori in adults.</i>	57	ciprofloxacin (hydrochloride) ☐	tablets	250mg, 500 mg
			58	moxifloxacin	injection	400mg/250ml
					tablets	500mg
			59	clarithromycin	tablets	500 mg
					suspension	125 mg / 5ml
			60	clindamycin (hydrochloride) (phosphate)	capsules	150mg, 300mg
					injection	150mg / ml
			61	cotrimoxazole + (sulfamethoxazole + trimethoprim)	tablets ☉	400mg+ 80 mg
					syrup ☉	200mg + 40mg/5 ml
			62	doxycycline (hyclate) +	capsules ☉	100 mg
			63	flucloxacillin [floxacillin sodium]	injection	250mg, 500 mg
					capsules	250mg, 500 mg
			64	gentamicin (sulfate) ☐	injection	40mg, 80 mg
			65	kanamycin (sulfate)	injection	500mg, 1gm
			66	levofloxacin	tablets	250, 500 mg
			67	metronidazole ☐ (benzoate)	tablets	200, 400 mg
					injection	500mg/100-ml
					syrup	200 mg / 5ml
68			nitrofurantoin	tablets	100 mg	
69			vancomycin (HCL)	injection	500 mg	
70			procaine benzyl penicillin	injection	1, 3 m IU	
71	phenoxymethyl penicillin (potassium)	tablets	250mg, 500 mg			
		syrup	125 mg / 5ml			
<b>K</b>	<b>Anthelmintic</b>	72	albendazole	tablets	200 mg	
				syrup	100 mg / 5ml	

EML for DHQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		73	mebendazole (chewable)	tablets	500 mg (with caution only for adults)
		74	pyrantel (pamoate)	tablets	250 mg
				syrup	250 mg / 5ml
L	Anti-Fungal	75	clotrimazole	vaginal cream	1% w/v
				vaginal tablet	100, 500 mg
		76	fluconazole ☐	capsules	50 mg
				injection	2 mg/ml
				syrup	50 mg/5 ml
		77	nystatin	tablets	500,000 IU
				drops ☉	100,000 IU/ml
				vaginal tablet	100 000 IU
		M	Anti-Tuberculosis Drugs <i>As per TB Control Program guidelines</i>	78	ethambutol
Oral Liquid ☉	25 mg/ml				
79	isoniazid			tablets/syrup ☉	50mg, 100mg, 300 mg
80	pyrazinamide			tablets	500 mg
81	rifampicin			caps / syrup ☉	150mg, 300mg, 450mg,600mg
82	streptomycin			injection	1 gm
83	ethambutol + isoniazid			tablets	400mg + 150 mg
84	isoniazid + rifampicin			tablets	75mg + 150mg; 150mg + 300mg
85	isoniazid + pyrazinamide + rifampicin			tablets	75mg + 400mg + 150 mg.
86	rifampicin + isoniazid + pyrazinamide + ethambutol			tablets	150mg+75mg+ 400mg+275 mg
87	ethambutol + isoniazid + rifampicin			tablets	275 + 75 + 150 mg
N	Antiherpes Medicines	88	acyclovir ☐	tablets	200 mg
				injection	500mg
O	Antileishmaniasis Medicines	89	amphotericin B	injection	50 mg in vial
		90	sodium stibogluconate	injection	100 mg/ml in 30ml vial
P	Anti-Diabetics	91	glibenclamide	tablets	5 mg
		92	sitagliptin	tablets	50mg

**EML for DHQs**

<b>No</b>	<b>Therapeutic Class</b>	<b>Sr. #</b>	<b>Generic Drug Name</b>	<b>Form</b>	<b>Strength</b>	
		93	gliclazide	tablets	80mg	
		94	metformin (hydrochloride)	tablets	500 mg	
		95	insulin NPH	injection	100 IU / ml	
		96	insulin regular	injection	100 IU / ml	
		97	insulin comp	injection	30% w/v + 70 % w/v	
<b>Q</b>	<b>Antimalarial</b>  <i>For Vivax</i>  <i>For Falciparum</i>	98	chloroquine (phosphate or sulfate)	tablets	150 mg	
		99	primaquine (diphosphate)	tablets	15 mg	
		100	sulfadoxine + pyrimethamine	tablets	500 + 25 mg	
		<i>To be used in combination (coblister)</i>	101	artesunate plus sulfadoxine and pyrimethamine	tablets	coblister of (6+2) tablets. two large tablets, has sulfadoxine 500mg U.S.P. + pyrimethamine 25mg U.S.P. & 6 small tablets, each contains artesunate 50mg U.S.P.
			102	artesunate plus sulfadoxine and pyrimethamine	tablets	coblister of (6+3) tablets. 3 large tablets each has sulfadoxine 500mg U.S.P.+ pyrimethamine 25mg U.S.P. 6 small tablets, each tablet contains artesunate 100mg U.S.P.
			103	artemether	ampoule	80 mg/ml in 1-ml
			104	artemether + lumefantrine	tablets ©	20 mg + 120 mg
<b>R</b>	<b>GIT Drugs</b>	105	hyoscine (butylbromide)	injection	20 mg/ml	
				tablets	10 mg	
		106	phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg	
		107	metoclopramide (hydrochloride) ✦	tablets	10 mg	
				syrup	5 mg / 5ml	
				injection	5mg/ ml	

EML for DHQs

No	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>	108	omeprazole ☐	injection	40 mg
				capsules	10mg, 20mg, 40mg
		109	domperidone	tablets	10mg
		110	ranitidine	tablet	150mg
				injection	25 mg / ml in 2ml
		111	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg
		112	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.
		113	bisacodyl	tablets	5 mg
		114	glycerin	suppository	
		115	sodium phosphate	enema	7.2g /120ml
116	magnesium oxides and hydroxides	suspension	7.9 %w/v		
<b>S</b>	<b>Antivirals for Hepatitis</b>	117	interferon alpha 2b	injection	3 MIU
		118	tenofovir (disoproxil fumarate)	tablet	300mg
		119	entecavir	tablet	0.5mg
		120	ribavirine	tablets	200mg, 400mg, 600 mg
		121	lamivudine	tablets	150 mg
<b>T</b>	<b>Cardiovascular Drugs</b>	122	acetylsalicylic acid	tablets (enteric coated)	75 mg
		123	amiodarone HCL	tablets	200mg
				injection	150mg
		125	bisoprolol☐	tablets	1.25 mg; 5 mg
		126	digoxin	tablets	62.5, 250mcg

EML for DHQs




No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength	
	<i>For severe PIH only</i>			injection	250mcg /ml in 2ml	
		127	dopamine (hydrochloride)	injection	40 mg/ml in 5ml vial	
		128	dobutamine (hydrochloride)	injection	50mg/ml in 5ml	
		129	enalapril (maleate) ☐	tablets	2.5mg, 5 mg	
		130	amlodipine	tablet	5mg, 10mg	
		131	losartan potassium	tablet	50mg	
		132	glyceryl trinitrate	sublingual	500 mcg	
		133	hydralazine (hydrochloride)	injection	20 mg	
				tablets	25mg, 50 mg	
		<i>For severe PIH only</i>	134	isosorbide dinitrate ☐	sublingual	5 mg
					tablets	5mg, 10mg, 50 mg
					infusion	10 mg/10ml
		135	methyldopa	tablets	250mg, 500 mg	
				injection	250 mg	
	136	atenolol	tablet	50 mg		
	137	propranolol	tablets	10mg, 40mg, 80 mg		
	138	streptokinase	powder for injection	1.5 million IU		
	139	simvastatin ☐	tablets	5mg, 10mg, 20mg, 40 mg		
	140	verapamil (hydrochloride)	tablets	40 mg; 80 mg		
<b>U</b>	<b>Diuretics</b>	141	furosemide ☐	tablets	20mg, 40 mg	
				injection	10 mg	
		142	hydrochlorothiazide ☐	tablets	12.5mg, 25 mg	
		143	furosemide + spironolactone	tablets	50mg/20mg	
	144	spironolactone	tablets	25mg, 100mg		
<b>V</b>	<b>Medicines affecting coagulation</b>	145	heparin (sodium)	injection	1000, 5000, 20000 IU/ml	
		146	tranexamic acid	injection	100 mg/ml in 10-ml	
				capsules	250mg, 500mg	
		147	clopidogrel	tablets	75, 150, 300 mg	
148	warfarin (sodium) ☐	tablets	1mg, 2mg, 5 mg			
<b>W</b>	<b>Oxytocic Drugs</b>	149	ergometrine (hydrogen maleate) ☐	injection	200 mcg in 1ml	



EML for DHQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength	
		150	misoprostol	tablets	200 mcg	
		151	oxytocin	injection	10 IU in 1-ml	
X	Respiratory Drugs	152	aminophylline	injection	25mg/ml in 10ml	
				tablets	100 mg	
		153	beclomethasone (dipropionate)	inhaler	50 mcg/actu	
		154	salbutamol (sulfate) ☐	tablets	2mg, 4 mg	
				syrup	2mg/5ml	
				inhaler	100 micrograms	
				injection	50 micrograms/ ml	
					solution for nebulizer	5 mg /ml
		155	terbutaline	tablets	2.5mg	
		156	ipratropium bromide	injection	250mg/ml	
		157	beclomethasone (dipropionate)	solution	800mcg/2ml	
		158	montelukast	tablets	4mg, 5mg, 10 mg	
		159	ammonium chloride + chloroform + menthol + diphenhydramine + sodium citrate	antitussive expectorant	131.5mg/5ml + 22mg/5ml + 1mg/5ml + 13.5mg/5ml + 55mg/5ml	
160	dextromethorphan + diphenhydramine	antitussive syrup	12.5mg/5ml + 12.5mg/5ml			
Y	Ophthalmic	161	dexamethosone	eye drops	0.1 %w/v	
		162	gentamicin (sulfate) ☐	eye drops	0.30%	
		163	tropicamide	eye drops	1 %w/v	
		164	pilocarpine (hydrochloride or nitrate)	eye drops	2%; 4%	
		165	ciprofloxacin	eye drops	0.3 %w/v	
		166	sulphacetamide	eye drops	10, 20 %w/v	
		167	chloramphenicol	eye drops	0.50%	
		168	miconazole (nitrate)	eye ointment	2%	
		169	polymyxin B (sulphate)+ bacitracin zinc	eye ointment	10000IU/g + 500IU/g	
		170	tetracycline (hydrochloride) ☐	eye ointment	1%	
				eye drops	0.50%	
171	tetracaine (hydrochloride) ☐ +	drops	0.50%			
		172	timolol (hydrogen maleate) ☐	eye drops	0.25%; 0.5%	

EML for DHQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
Z	ENT	173	boroglycerine	ear drops (only for wax removing)	40%
		174	ciprofloxacin	ear drops	0.30%
		175	polymyxin B sulphate + lignocaine	ear drops	each ml is containing polymyxin B (sulphate):10000I U+propylene glycol:0.92ml+lignocaine:50mg;5ml plastic bottle.
		176	ephedrine	nasal drops	0.5%
		177	lignocaine	topical solution	4%
		178	saline nasal drops	nasal drops	0.9%
		179	xylometazoline  	nasal spray	0.05%
		AA	IV Infusions  Plasma Substitutes	180	plasma expander
181	dextrose			infusion	5%, 10, % (1000ml)
				ampule	25% (20ml/25ml)
182	normal saline			infusion	0.9% (1000ml)
183	dextrose + saline (1000ml)			infusion	5 %w/v + 0.9% w/v
184	ringer's lactate 			infusion	infusion,1000ml contains calcium chloride 0.2gm U.S.P.; potassium chloride 0.3gm U.S.P.; sodium chloride 6 gm U.S.P.; sodium lactate 3.1gm U.S.P.; sterile water for injection
185	potassium chloride			solution	11.2% in 20ml ampoule
186	sodium bicarbonate (50ml)			injection	1.4% isotonic
187	mannitol (500ml)			infusion	20 %w/v
188	water for injection			ampule	5 ml, 10 ml
AB	Vitamins & Minerals	189	ascorbic acid	tablets	50mg, 100mg, 500 mg
		190	calcium gluconate	injection	100 mg/ml in 10-ml
		191	calcium lactate	tablets	500mg, 1gm

### EML for DHQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	<i>for acute diarrhea</i>	192	☐ ergocalciferol (vitamin D)	tablets	1.25 mg (50 000 IU)
		193	ferrous salt (fumarate)	tablets	equivalent to 60 mg
				syrup	equivalent to 25 mg/ml
		194	folic acid	tablets	0.5,1mg & 5mg
		195	ferrous salt + folic acid	tablets (DRAP approved)	tablet, equivalent to 60 mg iron + 400 mcg folic acid
		196	potassium chloride	tablets	500mg
		199	vitamin K	injection	10 mg
		200	hydroxocobalamin	ampule	1 mg in 1ml
		199	multiple micronutrients	sachet	UNICEF approved
		200	retinol (vitamin A)	tablets/ capsules	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)
		201	zinc sulphate	dispersible tablets	20 mg
		202	B complex (B1, B6 and B12)	tablets	DRAP approved
		203	multivitamins	tablets	DRAP approved
<b>AC</b>	<b>Dermatologicals</b>	204	☐ benzyl benzoate †	lotion	5% & 25%
		205	☐ betamethasone †	cream / ointment	0.1%
		206	☐ calamine	lotion	15%
		207	coal tar	lotion	5%
		208	☐ hydrocortisone	cream	1%
		209	permethrin	cream / lotion	5 % / 1 %
		210	salicylic acid	solution	5%
		211	selenium sulfide	detergent-based suspension	2%
		212	miconazole (nitrate)	cream / ointment	2%
		213	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000IU/g + 500IU/g
		214	silver sulphadiazine †	cream	1%
		215	sodium thiosulphate	solution	15%
<b>AD</b>	<b>Medicines for Mental &amp; Behavioral Disorders Tranquilizers</b>	216	amitriptyline (hydrochloride)	tablets	25 mg
		217	carbamazepine	tablets	100 mg; 200 mg
		218	☐ chlorpromazine (hydrochloride)	injection	25mg in 2ml

### EML for DHQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
				tablets	100 mg
		219	clomipramine (hydrochloride)	tablets	10 mg; 25 mg
		220	olanzapine	tablets	5mg, 7.5 mg
		221	fluoxetine (hydrochloride) + ☉	tablets	20 mg
		222	haloperidol	injection	5mg/ml
				tablets	5mg
		223	☐ fluphenazine (decanoate or enanthate)	tablets	25 mg
		224	diazepam	tablets	2, 5mg
				injection	10mg
		225	procyclidine	tablets	5mg
		226	escitalopram	tablets	10mg
		227	alprazolam	tablets	0.5 mg
<b>AE</b>	<b>Contraceptives</b>	228	condoms		
		229	ethynylestradiol ☐ + norethisterone ☐	CO pills	35mcg + 1mg
		230	levonorgestrel ☐	PO pills	30 mcg
		231	levonorgestrel ☐	EC pills	750 mcg (pack of 2)
		232	copper T / multiload	IUCD	
		233	medroxyprogesterone acetate (DMPA)	injection	150 mg /1ml
		234	norethisterone enanthate	injection	200 mg/ml in 1ml
		235	estradiol cypionate + medroxyprogesterone acetate	injection	5 mg + 25 mg
		236	levonorgestrel-releasing implant	sub dermal implant	2 rod 75mg each (use life: 5 years)
		237	etonogestrel- releasing implant	sub dermal implant	1 rod 68mg each (use life: 3 years)
<b>AF</b>	<b>Vaccines &amp; Sera</b>	238	BCG vaccine		<i>WHO approved/as per national EPI program</i>
		239	polio vaccine (OPV trivalent)/ IPV	oral/ injection	
		240	hepatitis B vaccine		
		241	measles vaccine		
		242	tetanus toxoid		
		243	pentavalent vaccine		
		244	pneumococcal vaccine		
		245	meningococcal vaccine		
		246	anti-rabies vaccine (PVRV)	single dose	>2.5 iu

EML for DHQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
				vial	
		247	anti-snake venom serum		
		248	anti D immunoglobulin (human)	single dose vial	250 micrograms
		249	diphtheria antitoxin	vial	10 000 IU; 20 000 IU
		250	tetanus immunoglobulin (human)	injection	500 IU in vial
		251	rabies immunoglobulin (human)	vial	150 IU/ml
<b>AG</b>	<b>Peritoneal Dialysis Solutions</b>	252	intraperitoneal dialysis solution	parenteral solution	of appropriate composition
<b>AH</b>	<b>Immunosuppressive</b>	253	azathioprine (as sodium salt)	tablets	50 mg
				injection	100 mg in vial
		254	cyclosporine	capsule	25 mg
<b>AI</b>	<b>Anti-parkinsonism</b>	255	biperiden	injection	5 mg (lactate) in 1-ml
				tablets	2 mg (hydrochloride)
		256	kemadrin	tablets	5mg
		257	levodopa + carbidopa	tablets	100mg + 10 mg; 250mg + 25 mg
<b>AJ</b>	<b>Antiseptics/ Disinfectants</b> <i>Only chlorine based compound in stable dry granular form</i>	258	povidone-iodine	solution	10 %w/v
		259	halogenated natrium phosphate	powder	100gms
		260	chlorine based compound	powder	(0.1% available chlorine) for solution
		261	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		262	acriflavine	cream	0.1 %w/w
		263	tincture benzoin compound	solution	7.5 %w/v
		264	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
<b>AK</b>	<b>Disposable Supplies</b>	265	syringe (auto disable) (DRAP approved)	sterile packs	1cc, 3cc, 5cc, 10cc
		266	disposable syringe (DRAP approved)	sterile packs	50 cc
		267	I.V sets	sterile packs	DRAP approved
		268	scalp vein set	sterile packs	DRAP approved
		269	volumetric chamber (I.V. burette)	sterile packs	100 ml size
		270	I.V cannula (DRAP approved)	sterile packs	16G, 20G, 22G, 24G

### EML for DHQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		271	adhesive tape (hypoallergenic)	roll	1, 2 inch
		272	sterile gauze dressing		7.5 x 7.5 cm (10 ply)
		273	cotton bandage	roll	6.5cm x 2m
		274	absorbent cotton wool	pack	500gm
		275	crepe bandage	roll	7.5, 10 cm x 2.7m
		276	examination gloves	pairs	box of 100 (small, medium and large size) [1:2:1]
		277	sterile surgical gloves	pairs	6½, 7, 7½, 8
		278	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0
		279	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		280	silk sutures sterile	12 / pack	8/0, 10/0
		281	prolene / vicryl sterile sutures	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		282	plaster of paris bandage	roll	10cm, 20cm x 6m
		283	face masks disposable		
		284	blood lancets	sterile packs	
		285	slides	sterile packs	
		286	endotracheal tube (ETT)	sterile packs	set of 12
		287	nasogastric (NG) tube	sterile packs	adult / paed
		288	Foley's catheter (all sizes)	sterile packs	all sizes
		289	urine bags	sterile packs	adult / paed
		290	blood transfusion set	sterile packs	
		291	blood bags	sterile packs	
		292	disposable airways	sterile packs	all sizes
		293	suction catheter	sterile packs	
		294	disposable cord clamps	sterile packs	
		295	spinal needle	sterile packs	all sizes
		296	surgical blades	sterile packs	all sizes

EML for DHQs

No	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		297	clean delivery kits	sterile packs	<ul style="list-style-type: none"> <li>•1 bath soap, 50 gram wrapped</li> <li>•1 apron</li> <li>•2 paper towel</li> <li>•2 pairs of latex examination gloves (m)</li> <li>•1 plastic under sheet (about one square meter)</li> <li>•1 under pads 60cmx90cm</li> <li>•2 alcohol pads</li> <li>•2 packs of sponges (4 sponge)</li> <li>•1 sterile bulb sucker</li> <li>•2 sterile umbilical cord clamp</li> <li>•1 sterile surgical blade</li> <li>•2 cotton thread (cord ties)</li> <li>•1 maternity pad</li> <li>•1 white poly bag for disposal</li> <li>•1 unbleached dignity drape</li> <li>•1 instruction sheet</li> </ul>
AL	Radio contrast Media	298	amidotrizoate	injection	140 to 420 mg iodine /ml in 20 ml
		299	barium sulfate	aqueous suspension	
		300	iohexol	injection	140 mg to 350 mg iodine/ml in 5-ml; 10-ml; 20-ml ampoules.
AM	Dental Materials	301			

- ☐ 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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