



ESSENTIAL MEDICINES LIST



Department of Health Government of Khyber Pakhtunkhwa



ESSENTIAL MEDICINES LIST

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Abstract

The Department of Health, Government of Khyber Pakhtunkhwa, 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 Khyber Pakhtunkhwa, 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
KPPR	Khyber Pakhtunkhwa 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 Khyber Pakhtunkhwa, that there should be segregated lists of essential medicines for each facility level.

The Department of Health, Government of Khyber Pakhtunkhwa, 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 Khyber Pakhtunkhwa, is pleased to

FOREWORD

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 Khyber Pakhtunkhwa 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://healthkp.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 Khyber Pakhtunkhwa. 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 Khyber Pakhtunkhwa.



Dr. Fakhar e Alam

Secretary,

Department of Health

Government of Khyber Pakhtunkhwa

ACKNOWLEDGMENT

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

The DOH highly appreciates the auspicious and productive support of USAID/Pakistan towards strengthening the health sector of the Khyber Pakhtunkhwa 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.



Dr. Muhammad Zafar

Director General Health Services

Department of Health, Government of Khyber Pakhtunkhwa

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.

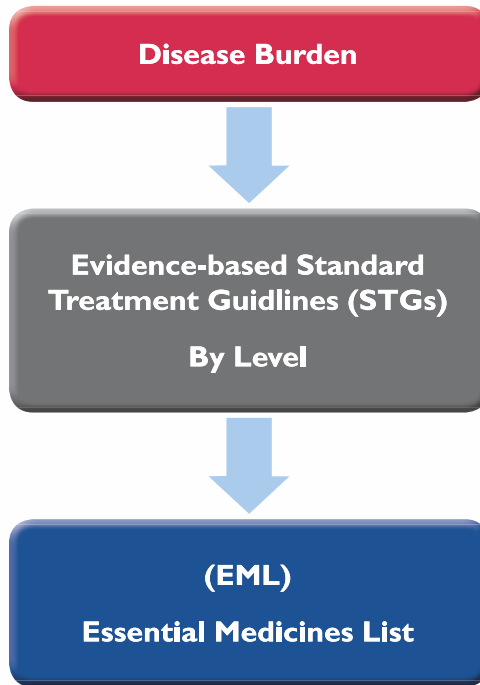
WHAT ARE ESSENTIAL MEDICINES?

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.

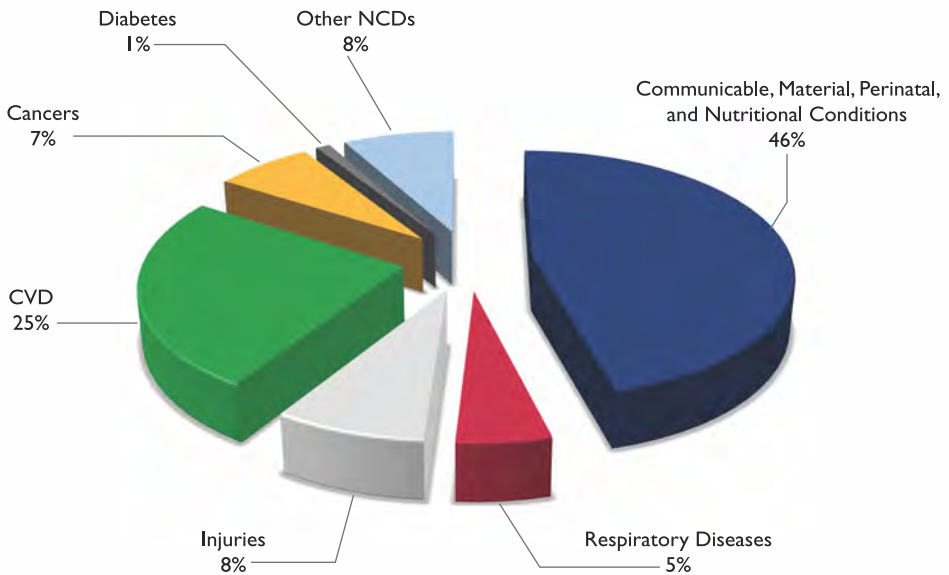
WHO discourages using the term Essential Drugs Lists (EDL) because the word Drugs is also commonly used for narcotics and other stimulant drugs. Therefore, WHO recommends using the title Essential Medicines List (EML).

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



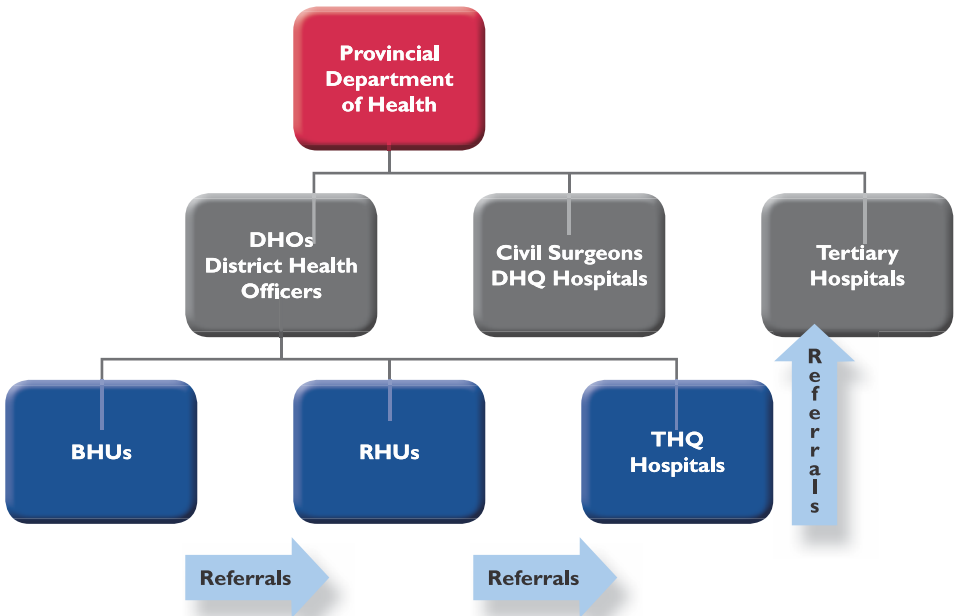
ACTIVITIES AND PROCESS ADOPTED TO DEVELOP EMLS

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) Khyber Pakhtunkhwa, Khyber Pakhtunkhwa 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, Khyber Pakhtunkhwa. 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 Khyber Pakhtunkhwa in a consultative workshop (see figure 3). The recommendations from the workshop were incorporated and the Khyber Pakhtunkhwa 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. Khyber Pakhtunkhwa Public Procurement Rules (KPPR) 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.

	<p>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.</p>
	<p>The  symbol indicates an age or weight restriction for the medicine; see table I for details for each medicine.</p>
	<p>The  symbol signifies a specific indication for restricting its use for children.</p>

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 topical	2%/w/v (10ml) 2%Gel (15 gm)
		2	acetylsalicylic acid (dispersible)	tablets suppository	100 mg to 500 mg 50 mg to 150 mg
B	Analgesics / NSAIDs	3	mefenamic acid	tablets	250 mg
		4	diclofenac (sodium)	ampoule	75 mg in 3ml
		5	ibuprofen †	tablets syrup	200 mg, 400 mg 200mg/5ml
		6	paracetamol	tablets syrup	500 mg 125 mg / 5ml
		7	chlorpheniramine (hydrogen maleate) ☐ †	suppository tablets syrup ☐	100 mg 4 mg 2.5mg / 5ml
		8	dexamethasone (disodium phosphate)	injection	4 mg / ml
C	Antiallergics and Medicines used in Anaphylaxis	9	hydrocortisone (sodium succinate)	injection	100 mg, 250 mg
		10	loratadine	tablets syrup	10 mg 1 mg/ml
		11	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules/tablet syrup ☐	250mg, 500 mg 125mg & 250mg /5ml
		12	ampicillin (as sodium salt)	injection	250mg, 500 mg
D	ANTI-INFECTIVES Antibiotics/ Antimicrobials	13	ciprofloxacin (hydrochloride) ☐	injection	500 mg and 1 g
		14	cotrimoxazole † (sulfamethoxazole + trimethoprim)	tablets tablets ☐ syrup ☐	250 mg, 500 mg 400 mg+ 80 mg 200mg + 40mg/5 ml

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
E	Anthelmintic	15	metronidazole  (benzoate)	tablets syrup	200mg, 400 mg 200 mg / 5ml
		16	mebendazole (chewable)	tablets	500 mg (with caution only for adults)
F	Anti-Fungal	17	nystatin	suspension	100mg/5ml
				tablets	500,000 IU
		18	clotrimazole	drops 	100,000 IU/ml
				vaginal tablet	100 000 IU
G	Anti-Tuberculosis Medicines <i>As per TB Control Program guidelines</i>	19	isoniazid + rifampicin	vaginal cream	1 % w/v
				vaginal tablet	100mg, 500 mg
		20	rifampicin + isoniazid + pyrazinamide + ethambutol	tablets	75 mg + 150 mg; 150 + 300mg
				tablets	150+75+ 400+275 mg
		21	ethambutol + isoniazid + rifampicin	tablets	275mg + 75mg+ 150 mg
		22	chloroquine (phosphate or sulfate)	tablets	150 mg
23	primaquine (diphosphate)	tablets	15 mg		
24	sulfadoxine + pyrimethamine co-blisters / combined therapy	tablets	500mg+ 25 mg		
25	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.		
26	artesunate plus sulfadoxine and pyrimethamine	tablets	co blister of (6+3) tablets-three		
H	Antimalarials <i>For Vivax</i> <i>For Falciparum</i>	25	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
I	Anti-Diabetics	27	glibenclamide	tablets	large tablets, each has sulfadoxine 500mg U.S.P.+ pyrimethamine 25mg U.S.P.- six small tablets, each contains artesunate 100mg U.S.P.
		28	metformin (hydrochloride)	tablets	
J	Cardiovascular Medicines	29	furosemide ☐	tablets	20mg, 40 mg
		30	propranolol	injection	10 mg
K	For severe PIH only	31	methyldopa	tablets	10 mg, 40 mg, 80 mg
		32	enalapril (maleate)	tablets	250 mg
		33	hyoscine (butylbromide)	injection	5 mg, 10 mg
				tablets	20mg/ml
34	metoclopramide (hydrochloride) +	tablets	10 mg		
		syrup	5 mg / 5ml		
35	omeprazole ☐	injection	5mg/ml		
36	aluminium hydroxide + magnesium trisilicate	capsules	10mg, 20mg, 40mg		
		injection	25 mg / ml in 2ml		
37		tablets	250mg +500mg		
38	Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea		ORS (low osmolarity)	tablets	dry mixture (low osmolarity formula) in sachet for 1 liter of solution; each sachet contains glucose anhydrous 13.5gm

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
L	Respiratory Medicines	39	salbutamol (sulfate) 	tablets solution	B.P. , trisodium citrate dihydrate 2.9 gm B.P , potassium chloride 1.5gm B.P. , sodium chloride 2.6gm B.P.
		40	aminophylline	injection	2 and 4 mg 5 mg/ml for nebulizer
		41	atropine (sulfate) 	ampoule	25 mg/ml 1 mg in 1ml
		42	charcoal activated	powder	
		43	diazepam	injection gel or rectal solutions	10 mg 5 mg/ml in 0.5 ml; 2-ml; 4-ml
M	Miscellaneous	44	magnesium sulphate	injection	500mg/ml
		45	oxygen concentrator / cylinder		
N	Ophthalmic / ENT	46	boroglycerine	ear drops (only for wax removing)	40%
		47	polymyxin B sulphate+lignocaine	ear drops	each ml is contains polymyxin B (sulphate): 10000 IU/ml, Lignocaine: 50mg/ml; 5ml plastic bottle
		48	gentamicin (sulfate)	eye drops	0.30%
		49	polymyxin B (sulphate)+ bacitracin zinc	eye ointment	10000IU/g + 500IU/g
		50	dextrose + saline	infusion	5 % + 0.9% w/v
O	I/V Infusions Plasma Substitutes	51	glucose / dextrose	infusion	5, 10 %
		52	normal saline	infusion	0.9%

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		53	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
		54	water for injection	ampoule	5 ml and 10 ml
P	Vitamins & Minerals Micronutrients	55	ascorbic acid	tablets	50 mg, 100 mg, 500 mg
		56	calcium lactate	tablets	500mg, 1gm
		57	ferrous salt (fumarate)	tablets	equivalent to 60 mg iron
		58	folic acid	syrup	equivalent to 25 mg/ml iron
		59	ferrous salt + folic acid	tablets	0.5mg, 1mg and 5mg
		60	multiple micronutrients	tablets	Tablet, equivalent to 60 mg iron + 400 mcg folic acid
		61	retinol (vitamin A)	sachet	UNICEF approved
		62	zinc sulphate	tablets/capsule	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)
		63	B complex (B1, B6 and B12)	dispersible tablets	20 mg
		64	multivitamins	tablets	DRAP approved
Q	Dermatologicals	65	benzyl benzoate ☐ ✦	tablets	DRAP approved
		66	calamine ☐	lotion	5% & 25%
		67	hydrocortisone ☐	lotion	15%
				cream	1%

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
R	Oxytocic Medicines	68	polymyxin B (sulphate)+ bacitracin zinc	ointment	10,000 IU/g + 500 IU/g
		69	silver sulphadiazine ☑ +	cream	1%
		70	ergometrine ☑ (hydrogen maleate)	injection	200 mcg in 1ml
		71	misoprostol	tablets	200 mcg
		72	oxytocin	injection	10 IU in 1ml
		73	condoms		
		74	ethynylestradiol ☑ + norethisterone ☑	CO pills	35mcg + 1mg
S	Contraceptives	75	levonorgestrel ☑	PO pills	30 mcg
		76	copper T / multiload	IUCD	
		77	DMPA (medroxyprogesterone acetate)	injection	150 mg /1ml
		78	norethisterone enanthate	injection	200 mg/ml in 1ml
		79	BCG vaccine		WHO Approved / As per National EPI Program
		80	hepatitis B vaccine		
		81	measles vaccine		
82	polio vaccine (OPV trivalent)/ IPV	oral/ injection			
83	pentavalent vaccine				
T	Vaccines & Sera	84	pneumococcal vaccine		
		85	tetanus toxoid		
		86	anti-rabies vaccine (PVRV)	single dose vial	>2.5 IU
		87	anti-snake venom serum		
		88	povidone-iodine	solution	10 %w/v
U	Antiseptics/ Disinfectants	89	halogenated sodium phosphate	powder	100gms
			<i>Only chlorine based compound in stable dry granular form</i>		

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
V	Antiseptics for Cord Care	90	chlorine base compound	powder	(0.1% available chlorine) for solution
		91	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		92	chlorhexidine digluconate (7.1%) for cord care	gel	Equivalent to 4 % Chlorhexidine
	Disposable Supplies	93	syringe (auto disable) (DRAP approved)	sterile packs	1 cc and 5cc
		94	I.V sets (DRAP approved)	sterile packs	
		95	I.V cannula (DRAP approved)	sterile packs	20G, 24G
		96	adhesive tape (hypoallergenic)	roll	1, 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	7, 7½
		102	silk sutures	sterile packs	0, 1/0, 2/0
		103	face masks disposable		
		104	airways	all sizes	
		105	resuscitator bag with mask		
		106	blood lancets	sterile packs	
107	slides				
108	clean delivery kits	sterile packs	<ul style="list-style-type: none"> ▪ 1 bath soap, 50 gram wrapped ▪ 1 apron ▪ 2 paper towel ▪ 2 pairs of latex examination gloves (m) 		








Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
					<ul style="list-style-type: none"> ▪ 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	bupivacaine (hydrochloride) 	vial	0.25%, 0.5%
			injection for spinal anaesthesia	ampoule	(5mg/ml) 0.5% in 4-ml
		2	lidocaine (hydrochloride) 	vial/ ampoule	5% (hydrochloride) in 2-ml ampoule to be mixed with 7.5% glucose solution.
B	Analgesics / NSAIDs	3	lignocaine + epinephrine (adrenaline)	topical forms	2%Gel, 4%Solution
				injection	2% + 1:200 000
				dental cartridge	2% + 1:80 000
		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	200 mg, 400 mg
C	Antiallergics and Medicines used in Anaphylaxis			syrup	200 mg/5ml
				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	loratadine	tablets	10 mg		
		syrup	1 mg/ml		
14	prednisolone 	tablets	5 mg		

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
D	Antidotes and Other Substances used in Poisonings	15	atropine (sulfate) †	ampoule	1 mg in 1ml
		16	charcoal activated	powder	
		17	diazepam	injection	10 mg
		18	naloxone (hydrochloride)	ampoule	400 mcg in 1ml
E	Anti-Epileptics Anti-Convulsants <i>For eclampsia only</i>	19	carbamazepine	tablets	200 mg
		20	magnesium sulphate	syrup	100mg / 5ml
				injection	500mg/ml
		21	phenobarbital (sodium)	tablets	30 mg
				injection	200 mg/ml
		22	phenytoin (sodium)	tablets	100 mg
				oral liquid	200 mg/5 ml
F	Anthelmintic	23	valproic acid (sodium valproate)	tablets	(crushable) 100 mg (enteric-coated) 200, 500 mg
				tablets	200 mg
		24	albendazole	syrup	100 mg / 5ml
		25	mebendazole (chewable)	tablets	500 mg (with caution only for adults)
				tablets	250 mg
G	Anti-Fungal	26	pyrantel (pamoate)	syrup	250 mg / 5ml
				vaginal cream	1% w/v
		27	clotrimazole	vaginal tablet	100, 500 mg
				tablets	500,000 IU
H	ANTI-INFECTIVES Antibiotics/ Antimicrobials	28	nystatin	drops ©	100,000 IU/ml
				vaginal tablet	equivalent to 100 000 IU
		29	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet	250 mg, 500 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
				syrup ☉	125mg & 250mg /5ml
				injection	250mg, 500 mg
				capsules	250 mg, 500 mg
30			ampicillin (sodium)	syrup ☉	125 mg & 250 mg /5ml
				injection	500 mg and 1 g
				capsules	250 mg, 500 mg
31			azithromycin ☐	suspension	125mg / 5ml in 22.5ml
32			benzyl penicillin (potassium)	injection ☉	600 mg (= 1 million IU); 3 g (= 5 million IU) (sodium or potassium salt) in vial
33			cefixime* (trihydrate)	capsules	400 mg
34			ciprofloxacin ☐ (hydrochloride)	tablets	250 mg, 500 mg
35			cotrimoxazole ✦ (sulfamethoxazole + trimethoprim)	tablets ☉	400 mg + 80 mg
36			doxycycline (hydrate) ✦	syrup ☉	200mg + 40mg/5 ml
37			gentamicin (sulfate) ☐	caps	100 mg
				injection	40 mg, 80 mg
38			metronidazole ☐ (benzoate)	tablets	200 mg, 400 mg
				syrup	200 mg / 5ml
39			nitrofurantoin	infusion	5mg/ml in 100ml
40			procaine benzyl penicillin	tablets	100 mg
41			phenoxymethyl penicillin (potassium)	injection	1, 3 m IU
				tablets	250 mg, 500 mg
				syrup	125 mg / 5ml
I		42	ribavirine	tablets	200 mg, 400 mg

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

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
J	Anti-Tuberculosis Medicines As per TB Control Program guidelines	43	isoniazid + rifampicin	tablets	75 mg+ 150 mg; 150 mg + 300mg
		44	rifampicin + isoniazid + pyrazinamide + ethambutol	tablets	150 mg+75 mg+ 400 mg+275 mg
		45	ethambutol + isoniazid + rifampicin	tablets	275 mg + 75 mg + 150 mg
K	Anti-Diabetics	46	glibenclamide	tablets	5 mg
		47	metformin (hydrochloride)	tablets	500 mg
		48	insulin regular	injection	100 IU / ml
		49	insulin comp	injection	30 + 70 % w/v
		50	chloroquine (phosphate or sulfate)	tablets	150 mg
L	Antimalarials <i>For Vivax</i> <i>For Falciparum</i>	51	primaquine (diphosphate)	tablets	15 mg
		52	sulfadoxine + pyrimethamine co-blisters / combined therapy	tablets	500mg + 25 mg
		53	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. 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.
M	GIT Medicines <i>Management of severe Malaria</i>	54	artemether	injection	40 mg/ml
		55	hyoscine (butylbromide)	injection tablets	20 mg/ml 10 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		56	phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg
		57	metoclopramide (hydrochloride) †	tablets syrup injection	10 mg 5 mg / 5ml 5mg/ ml
		58	omeprazole ☐	capsules	10mg, 20mg, 40mg
		59	ranitidine	injection	25 mg / ml in 2ml
		60	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg
	Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea	61	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.
		62	bisacodyl	tablets	5 mg
		63	glycerin	suppository	
N	Cardiovascular Medicines	64	glyceryl trinitrate	sublingual	500 mcg
		65	isosorbide dinitrate ☐	sublingual	5 mg
		66	nifedipine	tablets	20 mg
		67	methyldopa	tablets	250, 500 mg
				injection	250 mg
				injection	20 mg
				tablets	25, 50 mg
				tablets	5, 10 mg
				tablets	10, 40, 80 mg
				70	propranolol

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
O	Oxytocic Medicines	71	furosemide [Ⓜ]	tablets injection	20, 40 mg 10 mg
		72	ergometrine ((hydrogen maleate) [Ⓜ])	injection	200 mcg in 1ml
		73	misoprostol	tablets	200 mcg
		74	oxytocin	injection	10 IU in 1-ml
P	Respiratory Medicines	75	salbutamol (sulfate) [Ⓜ]	tablets inhaler	2mg and 4mg 100 micrograms
		76	ammonium chloride + chloroform + menthol + diphenhydramine + sodium citrate	antitussive expectorant	131.5mg/5ml + 22mg/5ml + 1mg/5ml + 13.5mg/5ml + 55mg/5ml
		77	aminophylline	injection	25 mg/ml
Q	Ophthalmic / ENT	78	boroglycerine	ear drops (only for wax removing)	40 %
		79	polymyxin B sulphate+lignocaine	ear drops	each ml is contains polymyxin B (sulphate):10000 IU/ml,Lignocaine:50mg/ml;5ml plastic bottle .
		80	gentamicin (sulfate) [Ⓜ]	eye drops	0.30%
		81	tetracycline (hydrochloride) [Ⓜ]	eye ointment	1%
		82	plasma expander	infusion	dextran 6 %w/v, glucose 5 %w/v
R	I/V Infusions Plasma Substitutes	83	glucose / dextrose	infusion ampoule	5, 10, % 25%
		84	normal saline	infusion	0.9%
		85	dextrose + saline	infusion	5 % + 0.9% w/v

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		86	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
S	Vitamins & Minerals	87	potassium chloride	solution	11.2% in 20-ml ampoule
		88	sodium bicarbonate	injection	1.4% isotonic
		89	water for injection	ampoule	5 ml, 10 ml
		90	ascorbic acid	tablets	50, 100, 500 mg
		91	calcium gluconate	injection	100 mg/ml in 10-ml
		92	calcium lactate	tablets	500mg, 1gm
		93	calcium chloride	injection	200 mg/ml
		94	ergocalciferol (vitamin D) [Ⓜ]	tablets	1.25 mg (50 000 IU)
		95	ferrous salt (fumarate)	tablets	equivalent to 60 mg iron
		96	folic acid	syrup	equivalent to 25 mg/ml iron
		97	ferrous salt + folic acid	tablets	0.5mg, 1mg & 5mg
		98	multiple micronutrients	tablets	equivalent to 60 mg iron + 400 mcg folic acid
		99	retinol (vitamin A)	sachet	UNICEF approved
		100	zinc sulphate	tablets/ capsules	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)
			<i>for acute diarrhea</i>	101	vitamin K
		102	B complex (B1, B6 and B12)	injection	10 mg
		103	multivitamins	tablets	DRAP approved
				tablets	DRAP approved

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
T	Miscellaneous	104	tranexamic acid	injection	250mg, 500mg /5ml
		105	oxygen (medicinal gas) cylinder	caps	250mg, 500mg
U	Dermatologicals	106	benzyl benzoate ☐ ✦	inhalation	5% & 25%
		107	permethrin☐	lotion	5%w/w
		108	calamine	cream, lotion	
		109	hydrocortisone☐	lotion	15%
		110	polymyxin B (sulphate)+ bacitracin zinc	cream	1%
		111	silver sulphadiazine ✦	ointment	10000IU/g + 500IU/g
		112	condoms	cream	1%
		113	ethynylestradiol ☐ + norethisterone ☐		
		114	levonorgestrel ☐	CO pills	35mcg + 1mg
V	Contraceptives	114	levonorgestrel ☐	PO pills	30 mcg
		115	levonorgestrel ☐	EC pills	750 mcg (pack of 2)
		116	Copper T / multiloal	IUCD	
		117	DMPA (medroxyprogesterone acetate)	injection	150 mg/ 1ml
		118	norethisterone enanthate	injection	200 mg/ml in 1ml
		119	estradiol cypionate + medroxyprogesterone acetate	injection	5 mg + 25 mg
		120	BCG vaccine		
		121	polio vaccine (OPV trivalent)/IPV	oral/ injection	
		122	hepatitis B vaccine		
		123	measles vaccine		
W	Vaccines & Sera	124	tetanus toxoid		
		125	pentavalent vaccine		
					WHO Approved/ As per National EPI Program

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		126	pneumococcal vaccine		
		127	anti-rabies vaccine (PVRV)	single dose vial	>2.5 iu
		128	anti-snake venom serum		
X	Anxiolytics	129	alprazolam	tablets	0.5 mg
		130	diazepam	tablets	2 mg
Y	Antiseptics/ Disinfectants <i>Only chlorine based compound in stable dry granular form</i>	131	povidone-iodine	solution	10 %w/v
		132	halogenated sodium phosphate	powder	100gms
		133	chlorine base compound	powder	(0.1% available chlorine) for solution
		134	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		135	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
Z	Antiseptics for Cord Care	136	syringe (auto disable)	sterile packs	1cc and 5cc
		137	I.V sets	sterile packs	DRAP approved
		138	scalp vein set	sterile packs	DRAP approved
		139	volumetric chamber (i.v. burette)	sterile packs	100 ml size
		140	I.V cannula (DRAP approved)	sterile packs	16G, 20G, 24G
		141	adhesive tape (hypoallergenic)	roll	1, 2 inch
		142	sterile gauze dressing		7.5 x 7.5 cm (10 ply)
		143	cotton bandage	roll	6.5cm x 2m
		144	absorbent cotton wool	pack	500gm
		145	crepe bandage		7.5, 10 cm x 2.7m
		146	examination gloves	pairs	box of 100 (small, medium and large size) [1:2:1]
		147	sterile surgical gloves	pairs	6, 6½, 7, 7½

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		148	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0
		149	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		150	face masks disposable		
		151	blood lancets	sterile packs	
		152	slides		
		153	endotracheal tube	sterile packs	Set of 12
		154	resuscitator bag with mask		
		155	nasogastric tube		Adult / Paeds
					<ul style="list-style-type: none"> ■ 1 bath soap, 50 gram wrapped ■ 1 apron ■ 2 paper towel ■ 2 pairs of latex examination gloves (m) ■ 1 plastic under sheet (about one square meter) ■ 1 under pads 60cmx90cm ■ 2 alcohol pads ■ 2 packs of sponges (4 sponge) ■ 1 sterile bulb sucker ■ 2 sterile umbilical cord clamp ■ 1 sterile surgical blade ■ 2 cotton thread (cord ties) ■ 1 maternity pad ■ 1 white poly bag for disposal ■ 1 unbleached dignity drape ■ 1 instruction sheet
		156	clean delivery kits	sterile packs	

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 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	neostigmine (methylsulfate) (bromide)	injection	2.5 mg in 1ml
		7	suxamethonium (chloride)	tablets	15 mg
C	Anaesthetics Local	8	bupivacaine (hydrochloride) 	ampoule	50 mg /ml in 2-ml
			injection for spinal anaesthesia	vial	0.25%; 0.5%
		9	lidocaine (hydrochloride) 	ampoule	(5mg/ml) 0.5% in 4-ml
D	Analgesics Opioid			vial/ ampoule	5% (hydrochloride) in 2-ml ampoule to be mixed with 7.5% glucose solution.
				topical forms	2%Gel, 4%Solution
		10	lignocaine + epinephrine (adrenaline)	injection	2% + 1:200 000
		11	lignocaine + epinephrine (adrenaline)	dental cartridge	2% + 1:80 000
		12	ephedrine (hydrochloride)	ampoule	30 mg in 1-ml
		13	morphine (sulphate or hydrochloride)	ampoule	10 mg 1-ml
		14	pethidine (hydrochloride)	ampoule	50 mg/ml in 2ml
		15	midazolam	injection	1 mg/ml
				tablets	7.5 mg
				dispersible tablets	300 mg
E	Analgesics / NSAIDs	16	acetylsalicylic acid (dispersible)	tablets	50 mg
		17	diclofenac (sodium)	ampoule	75 mg in 3ml

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		18	ibuprofen †	tablets	200 mg, 400 mg
		19	piroxicam	syrup	200 mg/5ml
		20	naproxen	injection	20mg / ml
				tablets	250 mg, 500 mg
		21	paracetamol	tablets	500 mg
				syrup	125 mg / 5ml
				suppository	100 mg
F	Medicines to treat Gout	22	allopurinol	tablets	100 mg and 300mg
G	Antiallergics and Medicines used in Anaphylaxis	23	chlorpheniramine (hydrogen maleate) ☑ †	tablets	4 mg
				syrup ☉	2 mg / 5 ml
		24	cetirizine	tablets	10 mg
				syrup	5 mg / 5ml
		25	loratadine	tablets	10 mg
				syrup	1 mg/ml
				tablets	25 mg
		26	promethazine (HCL)	syrup	25 mg/5ml
				injection	25 mg/ml in 2ml
		27	dexamethasone (disodium phosphate)	injection	4 mg / ml
		28	epinephrine (adrenaline)	tablets	0.5 mg
		29	hydrocortisone (sodium succinate)	ampoule	1 mg /ml
				injection	100, 250 mg
		30	prednisolone ☑	tablets	5 mg
H	Antidotes and Other Substances used in Poisonings	31	atropine (sulfate) †	ampoule	1 mg in 1ml
		32	charcoal activated	powder	
		33	methylthionium chloride (methylene blue)	ampoule	10mg/ml -in 10ml







Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
I	Antiepileptics Anticonvulsants <i>For eclampsia only</i>	34	naloxone (hydrochloride)	ampoule	400 mcg in 1ml
		35	carbamazepine	tablets	200 mg
				syrup	100mg / 5ml
		36	magnesium sulphate	injection	500 mg/ml
		37	phenobarbital (sodium)	tablets	30 mg
		38	phenytoin (sodium)	injection	200 mg /ml
				tablets	100 mg
				syrup	30 mg/5 ml
J	ANTI-INFECTIVES Antibiotics/ Antimicrobials				
		39	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet powder for suspension ☺ injection	250mg, 500 mg 125mg & 250mg /5ml 250 mg, 500 mg
		40	ampicillin (sodium)	capsules powder for suspension ☺ injection	250 mg, 500 mg 125 mg & 250 mg /5ml 500 mg and 1 g
		41	amoxicillin + clavulanic acid	tablets syrup	375 mg 125 mg amoxicillin + 31.25 mg clavulanic acid/5 ml and 250 mg amoxicillin + 62.5 mg clavulanic acid/5 ml
		42	benzyl penicillin (potassium)	injection	1 Gm 600 mg (= 1 million IU); 3 g (= 5 million IU) (sodium or potassium sat) in vial
		43	cloxacillin	capsules	250 mg, 500 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	Only listed for single-dose treatment of uncomplicated ano-genital gonorrhoea.	44	cefixime* (trihydrate)	powder for suspension ☉	125 & 250 /5ml
		45	ceftriaxone (sodium) †	capsules	400 mg
	Only for Epidemic Meningitis	46	chloramphenicol (palmitate) (sodium succinate)	powder for injection	250mg, 500mg, 1gm
		47	ciprofloxacin (hydrochloride) ☐	capsules	250 mg
	Recommended for use in combination regimens for eradication of <i>H. Pylori</i> in adults.	48	azithromycin ☐	syrup	125 mg / 5ml
		49	clarithromycin	injection	1 gm
		50	clindamycin (hydrochloride) (phosphate)	tablets	250 mg, 500 mg
		51	cotrimoxazole † (sulfamethoxazole + trimethoprim)	capsules	250 mg, 500 mg
		52	doxycycline (hyclate) †	suspension	125mg / 5ml in 22.5ml
	55	53	gentamicin (sulfate) ☐	tablets	500 mg
		54	levofloxacin	tablets	250 mg, 500 mg
		55	Metronidazole ☐ (benzoate)	tablets	200 mg, 400 mg
		55	Metronidazole ☐ (benzoate)	injection	500 mg in 100-ml
				syrup	200 mg / 5ml

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		56	nitrofurantoin	tablets	100 mg
		57	procaine benzyl penicillin	injection	1, 3 m IU
		58	phenoxymethyl penicillin (potassium)	tablets	250 mg, 500 mg
syrup	125 mg / 5ml				
K	Anthelmintic	59	albendazole	tablets	200 mg
				syrup	100 mg / 5ml
		60	mebendazole (chewable)	tablets	500 mg (with caution only for adults)
L	Anti-Fungal	61	pyrantel (pamoate)	tablets	250 mg
				syrup	250 mg / 5ml
		62	clotrimazole	vaginal cream	1%
				vaginal tablet	100, 500 mg
		63	fluconazole 	capsules	50 mg
				injection	2 mg/ml
M	Antiherpes Medicines	64	nystatin	syrup	50 mg/5 ml
				tablets	500,000 IU
				drops 	100,000 IU/ml
N	Antileishmaniasis Medicines	65	acyclovir 	tablets	200 mg
		66	amphotericin B	injection	50 mg in vial
O	Anti-Tuberculosis Medicines As per TB Control Program guidelines	67	sodium stibogluconate	injection	100 mg/ml in 30ml vial
				tablets	400 mg
		68	ethambutol	oral liquid 	25 mg/ml
		69	isoniazid	tablets/syrup 	50 mg, 100 mg, 300 mg
		70	pyrazinamide	tablets	500 mg
		71	rifampicin	caps / syrup 	150 mg, 300 mg, 450 mg, 600 mg
		72	streptomycin	injection	1 gm

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		73	ethambutol + isoniazid	tablets	400 mg + 150 mg
		74	isoniazid + rifampicin	tablets	75mg + 150 mg; 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
P	Anti-Diabetics	78	glibenclamide	tablets	5 mg
		79	metformin (hydrochloride)	tablets	500 mg
		80	insulin regular	injection	100 IU / ml
		81	insulin comp	injection	30 + 70 % w/v
Q	Antimalarials	82	chloroquine (phosphate or sulfate)	tablets	150 mg
		83	primaquine (diphosphate)	tablets	15 mg
		84	sulfadoxine + pyrimethamine	tablets	500mg+ 25 mg
		85	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.
	<i>To Be Used In Combination (Co blister)</i>		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.-

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength		
	Management of Severe Malaria	86	artemether*	ampoule	six small tablets, each contains artesunate 100mg U.S.P.		
		87	artemether + lumefantrine*	tablets ☺	80 mg/ml in 1-ml 20 mg + 120 mg		
R	GIT Medicines	88	hyoscine (butylbromide)	injection tablets	20 mg/ml 10 mg		
		89	phloroglucinol	tablets	Phloroglucinol 80mg + Trimethylphloroglucinol 80mg		
		90	metoclopramide (hydrochloride) ✦	tablets syrup	10 mg 5 mg / 5ml		
		91	omeprazole ☐	injection	20 mg/ml		
		92	ranitidine	capsules	10mg, 20mg, 40mg		
		93	aluminium hydroxide + magnesium trisilicate	injection tablets	25 mg / ml in 2ml 250mg +500mg		
		94	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.		
		95	sodium phosphate	enema	7.2g /120ml		
		96	bisacodyl	tablets	5 mg		

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		97	glycerin	suppository	
		98	magnesium oxides and hydroxides	suspension	7.9 %w/v
S	Cardiovascular Medicines	99	acetylsalicylic acid	tablets	100 mg
		100	bisoprolol 	tablets	1.25 mg; 5 mg
		101	digoxin	tablets	62.5, 250mcg
				injection	250mcg /ml in 2ml
		102	dopamine (hydrochloride)	injection	40 mg/ml in 5ml vial
		103	enalapril (maleate) 	tablets	2.5mg, 5 mg
		104	glyceryl trinitrate	sublingual	500 mcg
				injection	20 mg
				tablets	25, 50 mg
				sublingual	5 mg
		106	isosorbide dinitrate 	tablets	5mg, 10mg, 50 mg
				infusion	10 mg/10ml
		107	methyldopa	tablets	250, 500 mg
				injection	250 mg
		108	streptokinase	powder for injection	1.5 million IU
		109	propranolol	tablets	10mg, 40mg, 80 mg
		110	simvastatin 	tablets	5mg, 10mg, 20mg, 40 mg
		111	verapamil (hydrochloride)	tablets	40 mg; 80 mg
T	Diuretics	112	furosemide 	tablets	20mg, 40 mg
				injection	10 mg
		113	hydrochlorothiazide 	tablets	12.5m, 25 mg
U	Antivirals for Hepatitis	114	spironolactone	tablets	25 mg
		115	interferon alpha 2b	injection	3 MIU

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
V	Medicines affecting coagulation	116	ribavirine	tablets	200, 400, 600 mg
		117	heparin sodium	injection	1000, 5000, 20000 IU/ml
		118	tranexamic acid	injection	100 mg/ml in 10-ml
		119	clopidogrel	capsules	250mg, 500mg
		120	warfarin (sodium) ☐	tablets	75, 150, 300 mg
W	Oxytocic Medicines	121	ergometrine (hydrogen maleate) ☐	tablets	1mg, 2mg, 5 mg
		122	misoprostol	injection	200 mcg in 1ml
		123	oxytocin	tablets	200 mcg
X	Respiratory Medicines	124	aminophylline	injection	10 IU in 1-ml
		125	beclomethasone (dipropionate)	injection	25mg/ml in 10ml
		126	salbutamol (sulfate) ☐	tablets	100 mg
				inhaler	50 mcg/actu
				tablets	2mg, 4 mg
127	montelukast	inhaler	100 micrograms		
		injection	50 micrograms in 5ml		
Y	Ophthalmic	128	ammonium chloride + chloroform + menthol + diphenhydramine + sodium citrate	solution for nebulizer	5 mg /ml
				tablets	4mg, 5mg, 10 mg
		129	dextromethorphan + diphenhydramine	antitussive expectorant	131.5mg/5ml + 22mg/5ml + 1mg/5ml + 13.5mg/5ml + 55mg/5ml
		130	dexamethosone	antitussive syrup	12.5mg/5ml + 12.5mg/5ml
		132	tropicamide	eye drops	0.1 %w/v
		131	gentamicin (sulfate) ☐	eye drops	0.30%

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		133	pilocarpine (hydrochloride or nitrate)	eye drops	2%, 4%
		134	tetracycline (hydrochloride) ☐	eye ointment	1%
		135	sulphacetamide	eye drops	0.50%
		136	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.
		137	miconazole (nitrate)	eye ointment	2%
		138	polymyxin B (sulphate)+ bacitracin zinc	eye ointment	10000IU/g + 500IU/g
		139	tetracaine (hydrochloride) ☐ ✦	drops	0.50%
		140	timolol (hydrogen maleate) ☐	eye drops	0.25%; 0.5%
Z	ENT	141	boroglycerine	ear drops (only for wax removing)	40%
		142	ciprofloxacin	ear drops	0.30%
		143	ephedrine	nasal drops	0.5%
		144	lignocaine	topical solution	4%
		145	saline nasal drops	nasal drops	0.9%
		146	xylometazoline ☐ ✦	nasal spray	0.05%
AA	IV Infusions Plasma Substitutes	147	plasma expander	infusion	dextran 6 %w/v, glucose 5 %w/v
		148	glucose / dextrose	infusion	5, 10, %
		149	normal saline	ampoule	25%
				infusion	0.9%

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		150	dextrose + saline	infusion	5 % + 0.9% w/v
		151	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
		152	potassium chloride	solution	11.2% in 20-ml ampoule
		153	sodium bicarbonate	injection	1.4% isotonic
		154	mannitol	infusion	10% and 20 %w/v (500ml)
		155	water for injection	ampoule	5 ml, 10 ml
AB	Dermatologicals	156	benzyl benzoate ☐ ✦	lotion	5% & 25%
		157	betamethasone ☐ ✦	cream / ointment	0.1%
		158	calamine ☐	lotion	15%
		159	coal tar	lotion	5%
		160	hydrocortisone ☐	cream	1%
		161	permethrin	cream / lotion	5 % / 1 %
		162	salicylic acid	solution	5%
		163	miconazole (nitrate)	cream / ointment	2%
		164	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000IU/g + 500IU/g
		165	silver sulphadiazine ☐	cream	1%
		166	sodium thiosulphate	solution	15%
AC	Vitamins & Minerals	167	ascorbic acid	tablets	50, 100, 500 mg
		168	calcium gluconate	injection	100 mg/ml in 10-ml

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength	
	Nutritional supplement for use during pregnancy	169	calcium lactate	tablets	500mg, 1gm	
		170	ergocalciferol (vitamin D) ☐	tablets	1.25 mg (50 000 IU)	
		171	ferrous salt (fumarate)	tablets	equivalent to 60 mg iron	
				syrup	equivalent to 25 mg/ml iron	
			172	folic acid	tablets	0.5mg, 1mg & 5mg
			173	ferrous salt + folic acid	tablets	equivalent to 60 mg iron + 400 mcg folic acid
			174	vitamin K	injection	10 mg
			175	hydroxocobalamin	ampoule	1 mg in 1ml
			176	multiple micronutrients	sachet	UNICEF approved
			177	retinol (vitamin A)	tablets/ capsules	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)
			178	zinc sulphate	dispersible tablets	20 mg
			179	B complex (B1, B6 and B12)	tablets	DRAP approved
			180	multivitamins	tablets	DRAP approved
		for acute diarrhea	181	condoms		
	182		ethynylestradiol ☐ + norethisterone ☐	CO pills	35mcg + 1mg	
	183		levonorgestrel ☐	PO pills	30 mcg	
	184		levonorgestrel ☐	EC pills	750 mcg (pack of 2)	
	185		copper T / multiloop	IUCD		
	186		DMPA (medroxyprogesterone acetate)	injection	150 mg /1ml	
	187		norethisterone enanthate	injection	200 mg/ml in 1ml	
	188		estradiol cypionate + medroxyprogesterone acetate	injection	5 mg + 25 mg	
	189		levonorgestrel-releasing implant	sub dermal implant	2 rod 75mg each (Use life: 5 years)	
AD	Contraceptives					

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
AE	Vaccines & Sera	190	etonogestrel- releasing implant	sub dermal implant	1 rod 68mg each (Use life: 3 years)
		191	BCG vaccine		
		192	polio vaccine (OPV trivalent)/IPV	oral/ injection	
		193	hepatitis B vaccine		
		194	measles vaccine		
		195	tetanus toxoid		
		196	pentavalent vaccine		
		197	pneumococcal vaccine		
		198	meningococcal vaccine		
		199	anti-rabies vaccine (PVRV)	single dose vial	>2.5 iu
200	anti-snake venom serum				
201	anti D immunoglobulin (human)	single dose vial	250 micrograms		
202	diphtheria antitoxin	vial	10 000 IU; 20 000 IU		
203	tetanus immunoglobulin (human)	injection	500 IU in vial		
204	rabies immunoglobulin (human)	vial	150 IU/ml		
AF	Medicines for Mental & Behavioral Disorders	205	chlorpromazine (hydrochloride)	injection tablets	25mg in 2ml 100 mg
		206	alprazolam	tablets	0.5 mg 2, 5mg
AG	Anti parkinsonism	207	diazepam	injection	10mg
		208	biperiden	injection tablets	5 mg (lactate) in 1-ml 2 mg (hydrochloride)
AH	Antiseptics/	209	levodopa + carbidopa	tablets	100 + 10 mg; 250 + 25 mg
		210	povidone-iodine	solution	10 %w/v

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	Disinfectants				
	Only chlorine based compound in stable dry granular form	211	halogenated natrium phosphate	powder	100gms
		212	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		213	acriflavine	cream	0.1 %w/w
		214	tincture benzoin co	solution	7.5 %w/v
		215	chlorhexidine digluconate (7.1%) for cord care	gel	Equivalent to 4 % Chlorhexidine
AI	Antiseptics for Cord Care				
	Disposable Supplies	216	syringe (auto disable)	sterile packs	1cc, 5cc
		217	disposable syringe	sterile packs	50 cc
		218	I.V sets	sterile packs	DRAP approved
		219	scalp vein set (sterile packs	DRAP approved
		220	volumetric chamber (I.V burette)	sterile packs	100 ml size
		221	I.V cannula (DRAP approved)	sterile packs	16G, 20G, 24G
		222	adhesive tape (hypoallergenic)	roll	1, 2 inch
		223	sterile gauze dressing		7.5 x 7.5 cm (10 ply)
		224	cotton bandage	roll	6.5cm x 2m
		225	absorbent cotton wool	pack	500gm
		226	crepe bandage	roll	7.5, 10 cm x 2.7m
		227	examination gloves	pairs	Box of 100 (Small, Medium and Large Size) [1:2:1]
		228	sterile surgical gloves	pairs	6, 6½, 7, 7½, 8
		229	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0
		230	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0
	231	silk sutures sterile	12 / pack	8/0, 10/0	

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		232	prolene / vicryl sterile sutures	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		233	plaster of paris bandage	roll	10cm, 20cm x 6m
		234	face masks disposable		
		235	blood lancets	sterile packs	
		236	slides	sterile packs	
		237	endotracheal tube	sterile packs	Set of 12
		238	nasogastric tube	sterile packs	Adult / Paeds
		239	Foley's catheter	sterile packs	All Sizes
		240	urine bags	sterile packs	
		241	blood bags	sterile packs	
		242	disposable airways	sterile packs	All Sizes
		243	suction catheter	sterile packs	
		244	disposable cord clamps	sterile packs	
		245	spinal needle	sterile packs	
		246	surgical blades	sterile packs	
		247	clean delivery kits	sterile packs	<ul style="list-style-type: none"> ▪ 1 bath soap, 50 gram wrapped ▪ 1 apron ▪ 2 paper towel ▪ 2 pairs of latex examination gloves (m) ▪ 1 plastic under sheet (about one square meter) ▪ 1 under pads 60cmx90cm ▪ 2 alcohol pads ▪ 2 packs of sponges (4 sponge)

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
AJ	Radio contrast Media	248	amidotrizoate	injection	<ul style="list-style-type: none"> ▪ 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
		249	barium sulfate	aqueous suspension	140 to 420 mg iodine /ml in 20 ml
		250	iohexol	injection	140 mg to 350 mg iodine/ml in 5ml; 10-ml; 20-ml ampoules.
AK	Dental Materials	251			

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 (methylsulfate) (bromide)	injection	2.5 mg in 1ml
		8	suxamethonium (chloride)	tablets	15 mg
C	Anaesthetics Local	9	bupivacaine (hydrochloride) ☐ injection for spinal anaesthesia	ampoule	50 mg /ml in 2-ml
		10	lidocaine (hydrochloride) ☐	vial	0.25%; 0.5%
		11	lignocaine + epinephrine (adrenaline)	ampoule	(5mg/ml) 0.5% in 4-ml
		12	lignocaine + epinephrine (adrenaline)	vial/ ampoule	5% (hydrochloride) in 2-ml ampoule to be mixed with 7.5% glucose solution.
D	Analgesics Opioid <i>Preoperative medication</i>	13	ephedrine (hydrochloride)	topical forms	2%Gel, 4%Solution
		14	morphine (sulphate or hydrochloride)	injection	2% + 1:200 000
		15	pethidine (hydrochloride)	dental cartridge	2% + 1:80 000
		16	midazolam	ampoule	30 mg in 1-ml
E	Analgesics / NSAIDs	17	acetylsalicylic acid	ampoule	10 mg /1-ml
				ampoule	50 mg/ml in 2ml
				injection	1 mg/ml
				tablets	7.5 mg
				dispersible tablets	300 mg
				suppository	50 mg to 150 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
G	Medicines to treat gout Antiallergics and Medicines used in Anaphylaxis	18	diclofenac (sodium)	tablets	50 mg
		19	piroxicam	ampoule	75 mg in 3ml
		20	naproxen	injection	20mg / ml
		21	meloxicam	tablets	250, 500 mg
		22	ibuprofen †	tablets	7.5, 15 mg
				tablets	200, 400 mg
				syrup	200 mg/5ml
		23	paracetamol	tablets	500 mg
				syrup	125 mg / 5ml
				suppository	100 mg
F	Medicines to treat gout	24	allopurinol	tablets	100 mg
H	Antidotes and Other	25	chlorpheniramine (hydrogen maleate) ☐ †	tablets	4 mg
		26	cetirizine	syrup ☐	2 mg /5 ml
				tablets	10 mg
				syrup	5 mg / 5ml
		27	loratadine	tablets	10 mg
				syrup	1 mg/ml
				tablets	25 mg
		28	promethazine (HCL)	syrup	25 mg/5ml
		29	dexamethasone (disodium phosphate)	injection	25 mg/ml in 2ml
		30	epinephrine (adrenaline)	injection	4 mg / ml
31	hydrocortisone (sodium succinate)	tablets	0.5 mg		
32	prednisolone ☐	ampoule	1 mg /ml		
33	atropine (sulfate) †	injection	100 mg, 250 mg		
		tablets	5 mg		
		ampoule	1 mg in 1ml		

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	Substances used in Poisonings	34	charcoal activated	powder	
		35	methylthionium chloride (methylene blue)	ampoule	10mg/ml -in 10ml
		36	naloxone (hydrochloride)	ampoule	400 mcg in 1ml
		37	carbamazepine	tablets	200 mg
I	Antiepileptics Anticonvulsants <i>For eclampsia only</i>	38	magnesium sulphate	syrup	100mg / 5ml
		39	phenobarbital (sodium)	injection	500mg/ml
				tablets	30 mg
		40	phenytoin (sodium)	injection	200 mg /ml
			tablets	100 mg	
			syrup	30 mg/5 ml	
	ANTI-INFECTIVES				
J	Antibiotics/ Antimicrobial	41	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet powder for suspension ☺	250mg, 500 mg 125mg & 250mg /5ml
				injection	250 mg, 500 mg
		42	ampicillin (sodium)	capsules powder for suspension ☺	250 mg , 500 mg 125 mg& 250 /5ml
		43	amikacin (sulfate)	injection	500 mg and 1 g
		44	azithromycin ☑	injection	500mg, 1gm
	<i>Reserved 2nd line</i>				
		45	amoxicillin + clavulanic acid	capsules suspension tablets syrup	250 mg, 500 mg 125mg / 5ml in 22.5ml 375 mg 125 mg amoxicillin + 31.25 mg clavulanic acid/5 ml and 250 mg amoxicillin +

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
					62.5 mg clavulanic acid/5 ml
		46	benzyl penicillin (potassium)	injection ☉	1 Gm 600 mg (= 1 million IU); 3 g (= 5 million IU) (sodium or potassium salt) in vial
		47	cloxacillin	capsules powder for suspension ☉	250mg, 500 mg 125 mg & 250 mg /5ml
	Only listed for single-dose treatment of uncomplicated anogenital gonorrhoea.	48	cefixime* (trihydrate)	capsules	400 mg
		49	ceftriaxone (sodium) †	powder for injection	250 mg, 500mg, 1gm
	Only for Epidemic Meningitis	50	chloramphenicol (palmitate) (sodium succinate)	capsules syrup injection	250 mg 125 mg / 5ml 1 gm
		51	ciprofloxacin (hydrochloride) ☐	tablets tablets	250mg, 500 mg 500 mg
	Recommended for use in combination regimens for eradication of <i>H. Pylori</i> in adults.	52	clarithromycin*	suspension	125 mg / 5ml
		53	clindamycin (hydrochloride) (phosphate) ☐	capsules injection	150 mg, 300mg 150mg / ml
		54	cotrimoxazole☐ (sulfamethoxazole + trimethoprim)	tablets ☉ syrup ☉	400mg + 80 mg 200mg + 40mg/5 ml
		55	doxycycline (hyclate) †	capsules ☉	100 mg







Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength		
K	for MDR-TB	56	flucloxacillin [floxacinilium sodium]	syrup ©	25mg / 5ml		
		57	gentamicin (sulfate) ☐	injection	250 mg, 500 mg		
		58	kanamycin (sulfate)	capsules	250 mg, 500 mg		
		59	levofloxacin	injection	40 mg, 80 mg		
		60	metronidazole ☐ (benzoate)	injection	500mg, 1gm		
				tablets	250 mg, 500 mg		
		61	nitrofurantoin	tablets	200 mg, 400 mg		
		62	procaine benzyl penicillin	injection	500 mg in 100-ml		
		63	phenoxymethyl penicillin (potassium)	syrup	200 mg / 5ml		
				tablets	100 mg		
		64	vancomycin (HCL)	injection	1, 3 m IU		
		L	Anti-Fungal	65	albendazole	tablets	250 mg, 500 mg
				66	mebendazole (chewable)	syrup	100 mg / 5ml
				67	pyrantel (pamoate)	tablets	500 mg (with caution only for adults)
tablets	250 mg						
68	clotrimazole			syrup	250 mg / 5ml		
L	Anti-Fungal	69	fluconazole ☐	vaginal cream	1% w/v		
		70	nystatin	vaginal tablet	100, 500 mg		
				capsules	50 mg		
		injection	2 mg/ml				
70	nystatin	syrup	50 mg/5 ml				
			tablets	500,000 IU			
			drops ©	100,000 IU/ml			







Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength	
M	Anti-Tuberculosis Medicines As per TB Control Program guidelines	71	ethambutol	vaginal tablet	100 000 IU	
				tablets	400 mg	
		72	isoniazid	oral liquid ©		25 mg/ml
				tablets/ syrup ©		50mg, 100mg, 300 mg
		73	pyrazinamide	tablets		500 mg
		74	rifampicin	capsules / syrup ©		150mg, 300mg, 450mg, 600mg
		75	streptomycin	injection		1 gm
		76	ethambutol + isoniazid	tablets		400mg + 150 mg
		77	isoniazid + rifampicin	tablets		75mg + 150mg; 150mg+ 300mg
		78	isoniazid + pyrazinamide + rifampicin	tablets		75mg + 400mg + 150 mg.
N	Antiherpes Medicines	81	acyclovir ☒	tablets	200 mg	
		82	amphotericin B	injection	50 mg in vial	
O	Antileishmaniasis Medicines	83	sodium stibogluconate	injection	100 mg/ml in 30ml vial	
		84	glibenclamide	tablets	5 mg	
P	Anti-Diabetics	85	metformin (hydrochloride)	tablets	500 mg	
		86	insulin regular	injection	100 IU / ml	
		87	insulin comp	injection	30 + 70 % w/v	
		88	chloroquine (phosphate or sulfate)	tablets	150 mg	
		89	primaquine (diphosphate)	tablets	15 mg	
Q	Antimalarials For Vivax For Falciparum	90	sulfadoxine + pyrimethamine	tablets	500mg + 25 mg	

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	<i>To Be Used In Combination (Co blister)</i>	91	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.	
		92	artemether*	ampoule	80 mg/ml in 1-ml
	<i>Management of severe Malaria</i>	93	artemether + lumefantrine	tablets ☺	20 mg + 120 mg
R		GIT Medicines	94	hyoscine (butylbromide)	injection tablets
	95		phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg
	96		metoclopramide (hydrochloride) †	tablets	10 mg
				syrup	5 mg / 5ml
	97		ranitidine	injection	5mg/ ml
	98		aluminium hydroxide + magnesium trisilicate	injection	25 mg / ml in 2ml
				tablets	250mg +500mg








Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength	
	<i>Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea</i>	99	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.	
		100	bisacodyl	tablets	5 mg	
		101	glycerin	suppository		
		102	sodium phosphate	enema	7.2g /120ml	
		103	magnesium oxides and hydroxides	suspension	7.9 %w/v	
S		Antivirals for Hepatitis	104	interferon alpha 2b	injection	3 MIU
			105	ribavirine	tablets	200mg, 400mg, 600 mg
			106	lamivudine	tablets	150 mg
			107	acetylsalicylic acid	tablets (enteric coated)	75 mg
T		Cardiovascular Medicines	108	bisoprolol [Ⓜ]	tablets	1.25 mg; 5 mg
			109	digoxin	tablets	62.5, 250mcg
					injection	250mcg /ml in 2ml
			110	dopamine (hydrochloride)	injection	40 mg/ml in 5ml vial
			111	dobutamine (hydrochloride)	injection	50mg/ml in 5ml
	112		enalapril (maleate) [Ⓜ]	tablets	2.5mg, 5 mg	
	113		glyceryl trinitrate	sublingual	500 mcg	
		114	hydralazine (hydrochloride)	injection	20 mg	

For severe PIH only

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
U	For severe PIH only	115	isosorbide dinitrate 	tablets sublingual tablets infusion tablets injection tablets	25mg, 50 mg 5 mg 5mg, 10mg, 50 mg 10 mg/10ml 250mg, 500 mg 250 mg 10mg, 40mg, 80 mg
		116	methyldopa	injection	250 mg
		117	propranolol	tablets	10mg, 40mg, 80 mg
		118	streptokinase	powder for injection	1.5 million IU
		119	simvastatin 	tablets	5mg, 10mg, 20mg, 40 mg
		120	verapamil (hydrochloride)	tablets	40 mg; 80 mg
		121	furosemide 	tablets	20mg, 40 mg
		122	hydrochlorothiazide 	injection	10 mg
		123	spironolactone	tablets	12.5mg, 25 mg
		124	heparin (sodium)	tablets	25 mg
		125	tranexamic acid	injection	1000, 5000, 20000 IU/ml
		V	Medicines affecting coagulation	126	clopidogrel
127	warfarin (sodium) 			capsules	250mg, 500mg
128	ergometrine (hydrogen maleate) 			tablets	75mg, 150mg, 300 mg
129	misoprostol			tablets	1 mg, 2mg, 5 mg
130	oxytocin			injection	200 mcg in 1ml 200 mcg
X	Respiratory Medicines	131	aminophylline	injection	10 IU in 1-ml 25mg/ml in 10ml
		132	beclomethasone (dipropionate)	tablets	100 mg
				inhaler	50 mcg/actu

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength		
Y	Ophthalmic	133	salbutamol (sulfate) 	tablets inhaler injection solution for nebulizer tablets	2, 4 mg 100 micrograms 50 micrograms in 5ml 5 mg /ml 4, 5, 10 mg		
		134	montelukast				
		135	ammonium chloride + chloroform + menthol + diphenhydramine + sodium citrate	antitussive expectorant	131.5mg/5ml + 22mg/5ml + 1mg/5ml + 13.5mg/5ml + 55mg/5ml		
		136	dextromethorphan + diphenhydramine	antitussive syrup	12.5mg/5ml + 12.5mg/5ml		
		137	dexamethosone	eye drops	0.1 %w/v		
		138	gentamicin (sulfate) 	eye drops	0.30%		
		139	tropicamide	eye drops	1 %w/v		
		140	pilocarpine (hydrochloride or nitrate)	eye drops	2%, 4%		
		141	ciprofloxacin	eye drops	0.3 %w/v		
		142	sulphacetamide	eye drops	10, 20 %w/v		
		143	miconazole (nitrate)	eye ointment	2%		
		144	polymyxin B (sulphate)+ bacitracin zinc	eye ointment	10000IU/g + 5000IU/g		
		145	tetracycline (hydrochloride) 	eye ointment eye drops	1% 0.50%		
		146	tetracaine (hydrochloride)  + 	drops	0.50%		
		147	timolol (hydrogen maleate) 	eye drops	0.25%, 0.5%		
		148	boroglycerine	ear drops (only for wax removing)	40%		
		149	ciprofloxacin	ear drops	0.30%		
		Z	ENT				

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		150	polymyxin B sulphate+lignocaine	ear drops	each ml is contains polymyxin B (sulphate):10000 IU/ml,Lignocaine:50mg/ml; 5ml <i>plastic bottle</i> .
		151	ephedrine	nasal drops	0.5%
		152	lignocaine	topical solution	4%
		153	saline nasal drops	nasal drops	0.9%
		154	xylometazoline ☑ +	nasal spray	0.05%
AA	I/V Infusions Plasma Substitutes	155	plasma expander	infusion	dextran 6 %w/v, glucose 5 %w/v
		156	glucose / dextrose	infusion	5, 10, %
		157	normal saline	ampoule	25%
		158	dextrose + saline	infusion	0.9%
				infusion	5 % + 0.9% w/v
		159	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 linjection 1000ml (q.s.) /1000ml <i>collapsible plastic bottle</i>
		160	potassium chloride	solution	11.2% in 20-ml ampoule
		161	sodium bicarbonate	injection	1.4% isotonic
		162	mannitol	infusion	20 %w/v
		163	water for injection	ampoule	5 ml, 10 ml
AB	Vitamins & Minerals	164	ascorbic acid	tablets	50, 100, 500 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
	Nutritional supplement for use during pregnancy	165	calcium gluconate	injection	100 mg/ml in 10-ml
		166	calcium lactate	tablets	500mg, 1gm
		167	ergocalciferol (vitamin D) 	tablets	1.25 mg (50 000 IU)
		168	ferrous salt (fumarate)	tablets	equivalent to 60 mg iron
		169	folic acid	syrup	equivalent to 25 mg/ml iron
		170	ferrous salt + folic acid	tablets	0.5, 1mg & 5mg
		171	ferrous salt + folic acid	tablets	tablet, equivalent to 60 mg iron + 400 mcg folic acid
		172	vitamin K	injection	10 mg
		173	hydroxocobalamin	ampoule	1 mg in 1ml
		174	multiple micronutrients	sachet	UNICEF approved
		175	retinol (vitamin A)	tablets/ capsules	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)
		176	zinc sulphate	dispersible tablets	20 mg
		177	B complex (B1, B6 and B12) multivitamins	tablets	DRAP approved
		178	 benzyl benzoate 	lotion	5% & 25%
		179	 betamethasone 	cream / ointment	0.1%
		180	 calamine	lotion	15%
		181	coal tar	lotion	5%
	182	 hydrocortisone	cream	1%	
	183	permethrin	cream / lotion	5% / 1%	
	184	salicylic acid	solution	5%	
	185	selenium sulfide	detergent-based suspension	2%	
	186	miconazole (nitrate)	cream / ointment	2%	
AC	Dermatologicals				

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		187	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000IU/g + 5000IU/g
		188	silver sulphadiazine +	cream	1%
		189	sodium thiosulphate	solution	15%
AD	Medicines for Mental & Behavioral Disorders Tranquilizers	190	amitriptyline (hydrochloride)	tablets	25 mg
		191	carbamazepine	tablets	100 mg; 200 mg
		192	chlorpromazine (hydrochloride)	injection tablets	25mg in 2ml 100 mg
		193	clomipramine (hydrochloride)	tablets	10 mg; 25 mg
		194	olanzapine	tablets	5mg, 7.5 mg
		195	fluoxetine (hydrochloride) + ☉	tablets	20 mg
		196	fluphenazine (decanoate or enanthate)	tablets	25 mg
		197	diazepam	tablets	2, 5mg
		198	alprazolam	injection tablets	10mg 0.5 mg
		199	bromazepam	tablets	3 mg%
AE	Contraceptives	200	condoms		
		201	ethinylestradiol ☐ + norethisterone ☐	CO pills	35mcg + 1mg
		202	levonorgestrel ☐	PO pills	30 mcg
		203	levonorgestrel ☐	EC pills	750 mcg (pack of 2)
		204	copper T / multiload	IUCD	
		205	medroxyprogesterone acetate (DMPA)	injection	150 mg/ 1ml
		206	norethisterone enanthate estradiol cypionate + medroxyprogesterone acetate	injection	200 mg/ml in 1ml
		207	medroxyprogesterone acetate	injection	5 mg + 25 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		208	levonorgestrel-releasing implant	sub dermal implant	2 rod 75mg each (Use life: 5 years)
		209	etonogestrel- releasing implant	sub dermal implant	1 rod 68mg each (Use life: 3 years)
AF	Vaccines & Sera	210	BCG vaccine		
		211	polio vaccine (OPV trivalent)/IPV	oral/ injection	
		212	hepatitis B vaccine		
		213	measles vaccine		
		214	tetanus toxoid		
		215	pentavalent vaccine		
		216	pneumococcal vaccine		
		217	meningococcal vaccine		
		218	anti-rabies vaccine (PVRV)	single dose vial	>2.5 iu
		219	anti-snake venom serum		
		220	anti D immunoglobulin (human)	single dose vial	250 micrograms
		221	diphtheria antitoxin	vial	10 000 IU; 20 000 IU
		222	tetanus immunoglobulin (human)	injection	500 IU in vial
		223	rabies immunoglobulin (human)	vial	150 IU/ml
AG	Peritoneal Dialysis Solutions	224	Intra-peritoneal dialysis solution	parenteral solution	of appropriate composition
AH	Immuno-suppressives	225	azathioprine (as sodium salt)	tablets	50 mg
		226	cyclosporine	injection	100 mg in vial
AI	Anti-parkinsonism	227	biperiden	capsule	25 mg
		228	levodopa + carbidopa	injection	5 mg (lactate) in 1-ml tablets
				tablets	2 mg (hydrochloride)
					100 + 10 mg; 250 + 25 mg

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
AJ	Antiseptics/ Disinfectants <i>Only chlorine based compound in stable dry granular form</i>	229	povidone-iodine	solution	10 %w/v
		230	halogenated sodium phosphate	powder	100gms
		231	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v
		232	acriflavine	cream	0.1 %w/w
		233	tincture benzoin co	solution	7.5 %w/v
AK	Antiseptics for Cord Care Disposable Supplies	234	chlorhexidine digluconate (7.1%) for cord care	gel	equivalent to 4 % chlorhexidine
		235	syringe (auto disable)	sterile packs	1cc, 5cc
		236	disposable syringe	sterile packs	50 cc
		237	I.V sets	sterile packs	DRAP approved
		238	scalp vein set	sterile packs	DRAP approved
		239	volumetric chamber (I.V burette)	sterile packs	100 ml size
		240	I.V cannula (DRAP approved)	sterile packs	16G, 20G, 24G
		241	adhesive tape (hypoallergenic)	roll	1, 2 inch
		242	sterile gauze dressing		7.5 x 7.5 cm (10 ply)
		243	cotton bandage	roll	6.5cm x 2m
		244	absorbent cotton wool	pack	500gm
		245	crepe bandage	roll	7.5, 10 cm x 2.7m
246	examination gloves	pairs	Box of 100 (Small, Medium and Large Size) [1:2:1]		
247	sterile surgical gloves	pairs	6, 6½, 7, 7½, 8		
248	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0		
249	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0		
250	silk sutures sterile	12 / pack	8/0, 10/0		

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
		251	prolene / vicryl sterile sutures	sterile packs	0, 1/0, 2/0, 3/0, 4/0
		252	plaster of paris bandage	roll	10cm, 20cm x 6m
		253	face masks disposable		
		254	blood lancets	sterile packs	
		255	slides	sterile packs	
		256	endotracheal tube	sterile packs	Set of 12
		257	nasogastric tube	sterile packs	Adult / Paeds
		258	Foley's catheter	sterile packs	All Sizes
		259	urine bags	sterile packs	
		260	blood bags	sterile packs	
		261	disposable airways	sterile packs	All Sizes
		262	suction catheter	sterile packs	
		263	disposable cord clamps	sterile packs	
		264	spinal needle	sterile packs	
		265	surgical blades	sterile packs	
		266	clean delivery kits	sterile packs	<ul style="list-style-type: none"> ▪ 1 bath soap, 50 gram wrapped ▪ 1 apron ▪ 2 paper towel ▪ 2 pairs of latex examination gloves (m) ▪ 1 plastic under sheet (about one square meter) ▪ 1 under pads 60cmx90cm ▪ 2 alcohol pads ▪ 2 packs of sponges (4 sponge)

Sr. #	Therapeutic Class	Sr. #	Generic Drug Name	Form	Strength
AL	Radio contrast Media	267	amidotrizoate	injection	<ul style="list-style-type: none"> ▪ 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
		268	barium sulfate	aqueous suspension	
		269	iohexol	injection	
		270			
AM	Dental Materials				

NOTES

NOTES



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