

# **ESSENTIAL MEDICINES & DISPOSABLE SUPPLIES LIST**



**Department of Health  
Government of Balochistan**





# **ESSENTIAL MEDICINES & DISPOSABLE SUPPLIES LIST**

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# ACRONYMS

BHU	Basic Health Unit
CD	Community Dispensary
CMW	Community Midwife
DHQ	District Headquarter Hospital
DOH	Department of Health
EDL	Essential Drugs List
EML	Essential Medicines List
EPI	Expanded Program on Immunization
INN	international non-proprietary names
IU	international unit
LHW	Lady Health Worker
MCH	Maternal and Child Health
MDR	multidrug-resistance
MIU	million international unit
RHC	Rural Health Center
THQ	Tehsil Headquarter Hospital
UNICEF	United Nations Children's Fund
USAID	U.S. Agency for International Development
WHO	World Health Organization
w/v	weight by volume
w/w	weight by weight



# SYMBOLS AND TERMS

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

The following symbols are used throughout this list of medicines:

- *Indicates similar clinical performance within a pharmacological class.*
- ⓐ *Indicates an age or weight restriction on use of medicine.*
- ⓒ *Signifies a specific indication for restricting its use to children.*
- ✓ *In the right side column cells indicates that the medicine should be available at that particular facility level.*
- ✗ *In the right side column cells indicates that the medicine should not be given at that particular facility level.*

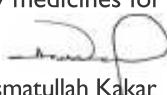


# FOREWORD

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. Careful selection of a limited range of essential medicines results in higher quality of care for patients, better management and use, and cost effective use of health resources. Selection of medicines for primary and secondary level healthcare facilities follow users’ acceptance of pharmaceutical products that defines the availability of a medicine in a province. It is matter of great pride that we are presenting this revised and updated essential medicines list of Balochistan, 2017, which is a critical document for the quality of health services across the province.

The Balochistan EML 2017 includes the medicines needed to adequately address priority health problems of the province. All health sector public and private stakeholders are expected to seriously consider adopting this list as a way forward to guide the provincial government in use of essential and very essential medicines, which will determine its access and availability up to end user level. The district governments can play a pivotal role by encouraging procurement and supply chain management policies based on essential and very essential medicine concepts to promote the rational use of public resources. The Department of Health will make all efforts to improve patient care by making available quality medicines to the doorstep of each individual of this province.

I would like to express my gratitude to the USAID/Pakistan for providing this support through USAID GHSC-PSM Project for reviewing and updating province focused standard EML for Balochistan. The project’s tangible support in upgrading the supply chain management and development of EML will contribute towards ensuring the governance and accountability within health systems. Adapting the provincial list will ensure transparency and will ensure best value for money in procurement, improved performance of health professionals, and availability of quality medicines for the people of Balochistan.

  
Mr. Asmatullah Kakar  
Secretary,  
Department of Health  
Government of Balochistan

SECRETARY  
Govt. of Balochistan  
Health Department

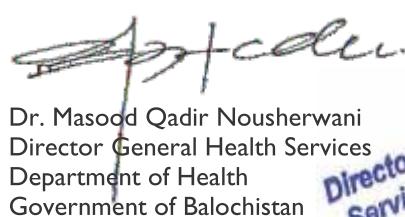


# ACKNOWLEDGMENT

In 2014, with the technical and financial support of USAID, the Department of Health, Government of Balochistan, developed province-focused EML in accordance with WHO standards for primary and secondary level health facilities. Per WHO guidelines for EML review each after two to three years, the Department of Health, Government of Balochistan with the technical and financial support of USAID funded Global Health Supply Chain Program- Procurement and Supply Management (GHSC-PSM) project reviewed the EML following WHO's 20<sup>th</sup> Model Essential Medicines List 2017, and updated after in-depth consultations with all provincial stakeholders. Moreover, the health and medical professionals from district health offices and public sector health institutions of Balochistan have also contributed and provided valuable inputs in updating the EML. Thereafter the provincial technical committee formed has revised and endorsed the updated EML in line with WHO guidelines. The revised and updated version of EML will be available at <http://health.Balochistan.gov.pk>.

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

The DOH highly appreciates the auspicious and productive support of USAID/Pakistan towards strengthening the health sector of the province. We also wish to appreciate Dr. Muhammad Tariq, Country Director, USAID GHSC-PSM Project Pakistan for his leadership role and his dedicated team for their devoted efforts and support provided in updating the EML.

  
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# ESSENTIAL MEDICINES & DISPOSABLE SUPPLIES

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. The recent 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 2017)*, 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.

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).

## 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).

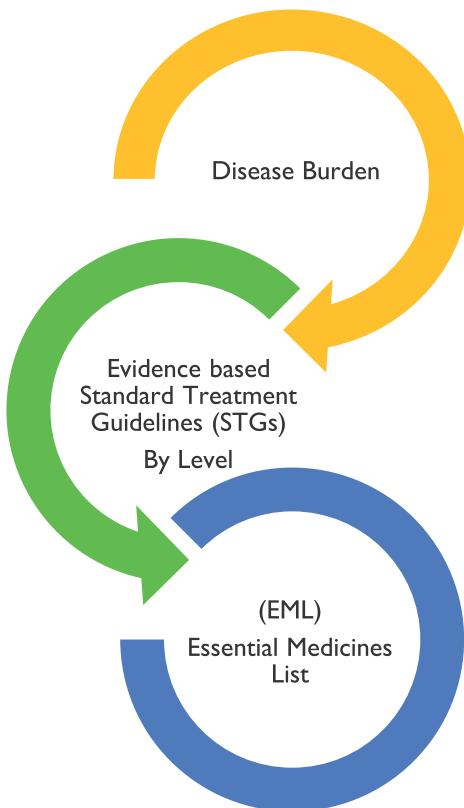
## WHAT ARE DISPOSABLE SUPPLIES?

Medical disposable supplies are the products used for patient care that include wound care supplies, face masks, medical clothing, gloves, syringes, needles, catheters, sutures and devices for transient or short term use.

The Drug Regulatory Authority of Pakistan Act, 2012 was promulgated on 13th November, 2012 (DRAP Act 2012) by the Parliament for the establishment of Drug Regulatory Authority of Pakistan to regulate the manufacture, import, export, storage, distribution and sale of therapeutic goods including drugs, alternative medicines, medical devices, biologicals and other related products as may be notified by the Authority. The medical devices were thus brought under regulation and declared as drugs under the Drug Act, 1976.

The Medical Devices Division established under the DRAP Act 2012, formulated rules called Medical Devices Rules, 2015 (MDR, 2015), for regulation of medical devices. Under these rules medical devices and in vitro diagnostic medical devices have been classified into Class A, B, C and D, depending upon the level of risk they pose to patients, users and other persons, where class D represents the highest risk class. Most of the disposable supplies listed in primary and secondary healthcare facilities lists fall under class A and B.

Figure 1: Development of Essential Medicines List



# 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 medicines are also usually much cheaper than proprietary medicines.

EMLs help simplify the quantification of medicine requirements and the training for those prescribing and dispensing medicines. If only a limited number of medicines 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.

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.

	The square box  symbol primarily indicates similar clinical performance within a pharmacological class. The listed medicines are examples of the class with the best evidence for effectiveness and safety. In some cases, this may be the first medicine licensed for marketing; in other cases, subsequently licensed compounds may be safer or more effective. If the efficacy and safety data are the same, the listed medicine is the one that is generally available at the lowest price, based on international drug price information sources. Not all square boxes are applicable to medicine selection for children. Therapeutic equivalence is only indicated based on the reviews of efficacy and safety and when consistent with WHO clinical guidelines.
	The  symbol indicates an age or weight restriction for the medicine; see table I for details for each medicine.
	The  symbol signifies a specific indication for restricting its use for children.
	The  symbol in the right side column cells indicates that the medicine should be available at that particular facility level.
	The  symbol in the right side column cells indicates that the medicine should not be given at that particular facility level

Table I: Medicines with Age or Weight Restrictions

artesunate + pyronaridine tetraphosphate	> 5 kg
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
darunavir	> 3 years
delamanid	> 6 years
dihydroartemisinin + piperaquine phosphate	> 5 kg
diloxanide	>25 kg
doxycycline	>8 years (except for serious infections, e.g., cholera)
efavirenz	>3 years or >10 kg
fluoxetine	>8 years
ibuprofen	>3 months (except IV form for patent <i>ductus arteriosus</i> )
mefloquine	>5 kg or >3 months
metoclopramide	not for neonates
nevirapine	> 6 weeks
ondansetron	>1 month
silver sulfadiazine	>2 months
tetracaine	not for preterm neonates
trimethoprim	>6 months
xylometazoline	>3 months

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# List of Essential Medicines & Disposable Supplies for Primary Healthcare Facilities

Department of Health  
Government of Balochistan

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU	RHC
<b>(1) ANAESTHETICS LOCAL</b>								
1	□ lidocaine (hydrochloride)	vial / ampoule topical gel	2% 2%			✓ ✗	✓ ✓	✓ ✓
<b>(2) ANALGESICS OPIOID &amp; CENTRALLY ACTING</b>								
2	pethidine (hydrochloride)	ampoule	50 mg/ml in 2ml			✗	✗	✓
<b>(3) ANALGESICS / NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIMs)</b>								
3	acetylsalicylic acid (dispersible)	tablets	300 mg			✓ ✗	✓ ✓	✓ ✓
4	diclofenac (sodium)	tablets	50 mg			✓ ✗	✓ ✓	✓ ✓
5	ibuprofen [2]	ampoule tablets syrup	75 mg in 3ml 200 mg, 400 mg 200 mg/5ml			✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
6	mefenamic acid	tablets	250 mg			✓ ✓	✓ ✓	✓ ✓
7	paracetamol	tablets syrup suppository	500 mg 120 mg / 5ml 100 mg			✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
<b>(4) ANTIALLERGICS and MEDICINES USED IN ANAPHYLAXIS</b>								
8	□ chlorpheniramine (maleate) [2]	tablets syrup ©	4 mg 2 mg / 5 ml			✓ ✗	✓ ✓	✓ ✓
9	cetirizine	tablets syrup	10 mg 5 mg / 5ml			✓ ✓	✓ ✓	✓ ✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities			
				LHW	CMW	CD	BHU
10	dexamethasone (disodium phosphate)	injection tablets	4 mg / ml 0.5 mg			✓	✓
11	epinephrine (adrenaline)	ampoule	1 mg / ml		✗	✓	✓
12	hydrocortisone (sodium succinate)	injection tablets	100mg; 250 mg 10 mg		✗	✓	✓
13	loratadine	syrup	1 mg/ml		✗	✓	✓
14	□ prednisolone	tablets	5 mg		✗	✓	✓
<b>(5) ANTIDOTES AND OTHER SUBSTANCES USED IN POISONING</b>							
15	atropine (sulphate) [a]	ampoule	1 mg in 1 ml		✗	✓	✓
16	charcoal activated	powder			✓	✓	✓
17	diazepam	injection gel / rectal solutions	10 mg 5 mg/ml in 0.5 ml; 2-ml; 4-ml		✗	✗	✗
18	methylthioninium chloride <i>(methylene blue)</i>	ampoule	10mg/ml -in 10ml		✗	✓	✓
19	naloxone (hydrochloride)	ampoule	400 mcg in 1ml		✗	✓	✓
<b>(6) ANTI-CONVULSANTS / ANTI-EPILEPTICS</b>							
20	carbamazepine	tablets syrup	200 mg 100mg / 5ml		✗	✓	✓
21	magnesium sulphate ( <i>For eclampsia only</i> )	injection tablets	500mg/ml 30 mg		✓	✓	✓
22	phenobarbital (sodium)	injection	200 mg / ml		✗	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU	RHC
23	phenytoin (sodium)	tablets	100 mg					
<b>(7) ANTI-HELMINTIC MEDICINES</b>								
24	albendazole	tablets syrup	200 mg 100 mg / 5ml					
25	mebendazole (chewable)	tablets syrup	500 mg ( <i>with caution only for adults</i> ) 100 mg / 5ml	✓	✓	✓	✓	✓
26	pyrantel (pamoate)	tablets syrup	250 mg 250 mg / 5ml					
<b>(8) ANTI-FUNGAL MEDICINES</b>								
27	clotrimazole	vaginal cream vaginal tablet	1% w/v 100, 500 mg					
28	nystatin	tablets drops Ⓡ	500,000 IU 100,000 IU/ml	✓	✓	✓	✓	✓
		vaginal tablet	equivalent to 100 000 IU	✓	✓	✓	✓	✓
<b>(9) ANTIBIOTICS / ANTIMICROBIALS</b>								
<b>GROUP I - KEY ACCESS ANTIBIOTICS</b>								
29	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet syrup Ⓡ injection	250 mg, 500 mg 125mg & 250mg /5ml 250mg, 500 mg	✓	✓	✓	✓	✓
							✓	✓
							✓	✓
							✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU	RHC
30	ampicillin (sodium)	capsules syrup  injection	250 mg, 500 mg 125 mg & 250 mg /5ml 250 mg			✗	✗	✓
31	cotrimoxazole  (sulfamethoxazole + trimethoprim)	tablets  syrup 	400 mg + 80 mg 200mg + 40mg/5 ml	✓	✓	✓	✓	✓
32	erythromycin	tablets syrup	250 mg 200mg /5ml			✓	✓	✓
33	 gentamicin (sulphate)	injection	40 mg, 80 mg			✗	✗	✓
34	 metronidazole (benzoate)	tablets syrup infusion	200 mg, 400 mg 200 mg / 5ml 5mg/ml in 100ml	✓	✓	✓	✓	✓
35	phenoxyethyl penicillin (potassium)	tablets syrup	250 mg, 500 mg 125 mg / 5ml			✗	✗	✓
<b>GROUP 2 -WATCH GROUP ANTIBIOTICS</b>								
36	 azithromycin	capsules suspension	250 mg, 500 mg 125mg / 5ml in 22.5ml			✗	✓	✓
37	cefixime (trihydrate)	capsules	400 mg			✗	✓	✓
38	 ciprofloxacin (hydrochloride)	tablets	250 mg, 500 mg			✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU	RHC
<b>(10) ANTI-TUBERCULOSIS MEDICINES (As per TB Control Program guidelines)</b>								
39	streptomycin	injection	1 gm				✗	✓
40	rifampicin + isoniazid (RH)	tablets	150mg + 75mg				✗	✓
		tablets dispersible	75mg + 50mg				✗	✓
41	rifampicin + isoniazid + pyrazinamide (RHZ)	tablets dispersible	75mg + 50mg + 150 mg.				✗	✓
42	rifampicin + isoniazid + pyrazinamide + ethambutol (RHZE)	tablets	150mg+75mg+400mg+275 mg				✗	✓
43	rifampicin + isoniazid + ethambutol (RHE)	tablets	150 mg + 75 mg + 275 mg			✗	✓	
<b>(11) ANTI-DIABETIC MEDICINES</b>								
44	glibenclamide	tablets	5 mg				✓	✓
45	insulin regular	injection	100 IU / ml				✗	✓
46	insulin comp	injection	30 + 70 % w/v				✗	✓
47	metformin (hydrochloride)	tablets	500 mg				✓	✓
<b>(12) ANTI-MALARIAL MEDICINES</b>								
				co blister of (6+2) tablet - two large tablets each has sulfadoxine 500mg + pyrimethamine 25mg and six small tablets, each contains artesunate 50mg U.S.P.				
48	artesunate plus sulfadoxine and pyrimethamine <i>To Be Used In Combination (Co blister)</i>	tablets					✗	✓
				co blister of (6+3) tablets- three large tablets, each has sulfadoxine 500mg+ pyrimethamine 25mg - six				✗

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU	RHC
49	artesunate* ( <i>management of severe malaria</i> )	injection tablets	small tablets, each contains artesunate 100mg U.S.P. 60mg 150 mg					✓
50	chloroquine (phosphate or sulphate)	syrup	50mg/5ml	✓	✓	✓	✓	✓
51	primaquine (diphosphate) ( <i>For Vivax</i> )	tablets	15 mg		✓	✓	✓	✓
52	sulfadoxine + pyrimethamine <i>co-blister / combined therapy (For Falciparum)</i>	tablets	500mg + 25 mg		✓	✓	✓	✓
<b>(13) MEDICINES ACTING ON GASTROINTESTINAL TRACT</b>								
53	aluminum hydroxide + magnesium trisilicate	tablets	250mg + 500mg		✓	✓	✓	✓
54	bisacodyl	tablets	5 mg			✓	✓	✓
55	dimenhydrinate	tablets syrup injection	50 mg 12.5 mg / 4ml 10mg /2ml		✓	✓	✓	✓
56	glycerin	suppository		✓	✓	✓	✓	✓
57	hyoscine (butylbromide)	injection tablets	20 mg/ml 10 mg		✓	✓	✓	✓
58	metoclopramide (hydrochloride) <b>[a]</b>	tablets syrup injection	10 mg 5 mg / 5ml 5mg/ ml		✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU	RHC
59	□ omeprazole	capsules injection	20mg, 40mg 20 mg	✓	✓	✓	✓	✓
60	ORS (low osmolarity) <i>Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea</i>	sachet	dry mixture (low osmolarity formula) in sachet for 1 liter of solution; each sachet contains glucose anhydrous 13.5gm , trisodium citrate dihydrate 2.9 gm, potassium chloride 1.5gm B.P. , sodium chloride 2.6gm B.P.	✓	✓	✓	✓	✓
61	phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg	✗	✗	✗	✓	✓
<b>(14) CARDIOVASCULAR MEDICINES</b>								
62	captopril	tablets	25 mg, 50 mg, 12.5 mg	✗	✓	✓	✓	✓
63	enalapril (maleate)	tablets	5, 10 mg	✗	✗	✗	✓	✓
64	□ furosemide	tablets injection	20, 40 mg 10 mg	✓	✓	✓	✓	✓
65	glyceryl trinitrate	sublingual	500 mcg	✓	✓	✓	✓	✓
66	□ hydrochlorothiazide	injection tablets	20 mg 25, 50 mg	✗	✗	✗	✓	✓
67	□ isosorbide dinitrate	sublingual	5 mg	✗	✓	✓	✓	✓
68	methylldopa ( <i>For severe PIH only</i> )	tablets injection	250, 500 mg 250 mg	✓	✓	✓	✗	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU	RHC
69	propranolol	tablets	10, 40, 80 mg			✗	✗	✓
<b>(15) OXYTOCIC &amp; ANTI-OXYTOCIC MEDICINES</b>								
70	misoprostol	tablets	200 mcg	✓	✗	✓	✓	✓
71	oxytocin	injection	10 IU in 1-ml	✓	✗	✓	✓	✓
72	nifedipine	capsules	10 mg	✗	✗	✗	✓	✓
<b>(16) MEDICINES ACTING ON RESPIRATORY TRACT</b>								
73	aminophylline	injection	25 mg/ml		✗	✓	✓	✓
74	ammonium chloride + chlorpheniramine + menthol + diphenhydramine + sodium citrate	syrup (expectorant)	131.5mg/5ml + 22mg/5ml + 1mg/5ml + 13.5mg/5ml + 55mg/5ml		✓	✓	✓	✓
75	<input checked="" type="checkbox"/> salbutamol (sulphate) / albuterol	tablets	2mg and 4mg		✓	✓	✓	✓
		solution	5 mg/ml for nebulizer		✗	✓	✓	✓
		inhaler	100 micrograms		✗	✗	✓	✓
<b>(17) OPHTHALMIC / ENT MEDICINES</b>								
76	boroglycerine	ear drops	40 % (only for wax removing)		✓	✓	✓	✓
77	<input checked="" type="checkbox"/> gentamicin (sulphate)	eye drops	0.30%		✓	✓	✓	✓
78	polymyxin B sulphate + lignocaine	ear drops	each ml is contains polymyxin B (sulphate): 10000 IU/ml, lignocaine: 50mg/ml; 5ml		✓	✓	✓	✓
79	polymyxin B (sulphate) + bacitracin zinc	eye ointment	10000IU/g + 5000IU/g		✗	✓	✗	✗
80	naphazoline	eye drops	0.005 %w/v		✗	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU	RHC
81	□ tetracycline (hydrochloride)	eye ointment	1%			✓	✗	✓
82	□ xylometazoline [a]	nasal drops	0.05%			✗	✗	✓
<b>(18) I/V INFUSIONS / PLASMA SUBSTITUTES</b>								
83	dextrose + saline	infusion	5 % + 0.9% w/v			✓	✓	✓
84	glucose / dextrose	infusion	5, 10, %			✓	✓	✓
		ampoule	25%			✓	✓	✓
85	normal saline	infusion	0.9%			✓	✓	✓
86	plasma expander/ substitute	infusion	polygeline 3.5/4% + dextran 6 %w/v,			✗	✗	✓
87	potassium chloride	solution	11.2% in 20-ml ampoule			✗	✗	✓
			1000ml contains calcium chloride 0.2gm, potassium chloride 0.3gm, sodium chloride U.S.P, 6 gm, sodium lactate 3.1gm U.S.P, sterile water for injection 1000ml (q.s.),			✓	✓	✓
88	□ ringer's lactate (sodium lactate compound solution)	infusion						
89	sodium bicarbonate	injection	1.4% isotonic			✗	✗	✓
90	water for injection	ampoule	5 ml, 10 ml			✓	✓	✓
<b>(19) VITAMINS &amp; MINERALS</b>								
91	ascorbic acid	tablets	50, 100, 500 mg			✓	✓	✓
92	B complex (B1, B6 and B12)	tablets	DRAP approved			✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities			
				LHW	CMW	CD	BHU
		syrup	DRAP approved	✓	✓	✓	✓
93	calcium chloride	injection	200 mg/ml		✗	✗	✓
94	calcium gluconate	injection	100 mg/ml in 10-ml		✗	✓	✓
95	calcium lactate	tablets	500mg, 1 gm		✓	✓	✓
96	cholecalciferol (vitamin D3)	tablets/ capsules	1.25 mg (50 000 IU)		✓	✓	✓
97	ferrous salt (fumarate)	tablets	equivalent to 60 mg iron	✓	✓	✓	✓
98	folic acid	syrup	equivalent to 25 mg/ml iron	✓	✓	✓	✓
99	ferrous salt + folic acid <i>(Nutritional supplement for use during pregnancy)</i>	tablets	0.5mg, 1mg & 5mg	✓	✓	✓	✓
100	multiple micronutrients	sachet	equivalent to 60 mg iron + 400 mcg folic acid	✓	✓	✓	✓
101	multivitamins	tablets	UNICEF approved		✗	✓	✓
102	retinol (vitamin A) (as palmitate)	tablets/ capsules	DRAP approved		✗	✓	✓
103	vitamin K1 (phytonadione)	injection	50 000 IU; 100 000 IU; 200 000 IU	✓	✓	✓	✓
104	zinc sulphate (for acute diarrhea with ORS)	tablets (dispersible)	10 mg		✗	✗	✓
			20 mg	✓	✓	✓	✓
<b>(20) MISCELLANEOUS MEDICINES</b>							
105	oxygen (medicinal gas) cylinder	inhalation			✗	✗	✓
106	tranexamic acid	injection	250mg, 500mg /5ml		✗	✗	✓
		capsules	250mg, 500mg	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU	RHC
<b>(21) DERMATOLOGICAL MEDICINES</b>								
107	▣ benzyl benzoate [a]	lotion	5% & 25%	✓				
108	calamine	lotion	15%		✓	✓	✓	✓
109	coal tar	lotion	5%		✗	✗	✓	✓
110	▣ hydrocortisone	cream	1%		✓	✓	✓	✓
111	▣ permethrin	cream, lotion	5%w/w		✗	✗	✓	✓
112	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000IU/g + 500IU/g		✓	✓	✓	
113	salicylic acid	solution	5%		✗	✗	✓	
114	silver sulphadiazine [a]	cream	1%		✓	✓	✓	
115	sodium thiosulphate	solution	15%		✗	✗	✓	
<b>(22) CONTRACEPTIVES</b>								
116	condoms			✓	✓	✓	✓	✓
117	copper T / multiload	IUCD		✓	✓	✓	✓	✓
118	DMPA (medroxyprogesterone acetate)	injection	150 mg/1ml	✓	✓	✓	✓	✓
119	▣ ethynodiol + ▣ norethisterone	CO pills	35mcg + 1mg	✓	✓	✓	✓	✓
120	estradiol valerate + norethisterone	injection	5 mg + 50 mg		✗	✗	✓	✓
121	▣ levonorgestrel	PO pills	30 mcg		✓	✓	✓	
122	▣ levonorgestrel	EC pills	750 mcg (pack of 2)		✓	✓	✓	

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU	RHC
123	norethisterone	injection	200 mg/ml in 1ml			✓	✓	✓
<b>(23) VACCINES &amp; SERA (WHO Approved/ As per National EPI Program)</b>								
124	anti-rabies vaccine (PVRV)	single dose vial	>2.5 IU			✗	✓	✓
125	anti-snake venom serum					✗	✓	✓
126	BCG vaccine					✓	✓	✓
127	hepatitis B vaccine					✗	✓	✓
128	measles vaccine					✓	✓	✓
129	pentavalent vaccine					✓	✓	✓
130	polio vaccine (OPV trivalent)/IPV	oral/ injection				✓	✓	✓
131	pneumococcal vaccine					✗	✓	✓
132	rotavirus vaccine					✗	✓	✓
133	tetanus toxoid					✓	✓	✓
<b>(24) ANXIOLYTIC MEDICINES</b>								
134	alprazolam	tablets	0.5 mg			✗	✗	✓
135	diazepam	tablets	2 mg			✗	✗	✓
<b>(25) ANTI-SEPTICS / DISINFECTANTS</b>								
136	chlorhexidine digluconate (7.1%) <i>(Antiseptic for Cord Care)</i>	gel	equivalent to 4 % chlorhexidine	✓	✓	✓	✓	✓
137	chlorine base compound	powder	0.1% available chlorine for solution		✓	✓	✓	✓
138	povidone-iodine	solution	10 %w/v		✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities			
				LHW	CMW	CD	BHU
<b>(26) DISPOSABLE SUPPLIES</b>							
139	absorbent cotton wool	pack	500gm	✓	✓	✓	✓
140	adhesive tape (hypoallergenic)	roll	1, 2 inch	✓	✓	✓	✓
141	blood lancets	sterile packs		✗	✗	✓	✓
142	cotton bandage	roll	6.5cm x 2m	✓	✓	✓	✓
143	chromic catgut sterile	sterile packs	0, 1/0, 2/0, 3/0, 4/0		✗	✗	✓
144	crepe bandage		7.5, 10 cm x 2.7 m		✓	✓	✓
145	endotracheal tube	sterile packs	Set of 12		✗	✗	✗
146	examination gloves	pairs	box of 100 (small, medium, large) [1:2:1]	✓	✓	✓	✓
147	face masks disposable	sterile packs		✓	✓	✗	✓
148	I.V sets	sterile packs	DRAP approved		✗	✓	✓
149	I.V cannula	sterile packs	16G, 20G, 24G	✓	✓	✓	✓
150	nasogastric tube		adult / pediatric		✗	✗	✓
151	resuscitator bag with mask				✗	✗	✓
152	scalp vein set (DRAP approved)	sterile packs	DRAP approved		✗	✗	✓
153	silk sutures sterile	12 / pack	0, 1/0, 2/0, 3/0, 4/0		✗	✓	✓
154	slides glass				✓	✓	✓
155	sterile gauze dressing	sterile packs	7.5 x 7.5 cm (10 ply)		✗	✓	✓
156	sterile surgical gloves	pairs	6, 6½, 7, 7½	✓	✗	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities			
				LHW	CMW	CD	BHU
157	syringe (auto disable)	sterile packs	1 cc and 5cc	✓	✓	✓	✓
158	volumetric chamber (i.v. burette)	sterile packs	100 ml size		✗	✗	✓
159	clean delivery kits			✓	✓	✓	✓

**List of Essential Medicines & Disposable Supplies for Primary Healthcare  
Khyber Pakhtunkhwa  
Emergency Tray**

Sr#	Items Name	Strength	Qty	BHU	RHC
1	adrenaline injection	0.1mg/ml	10	✓	✓
2	aminophylline injection	25mg/ml	10	X	✓
3	atropine injection	1mg/1ml	10	✓	✓
4	calcium gluconate injection	100 mg/ml in 10-ml	10	X	✓
5	diazepam injection	5mg/ml	10	✓	✓
6	diclofenac sodium injection	25mg/ml	10	✓	✓
7	dimenhydrinate injection	50mg/ml	10	X	✓
8	hydrocortisone sodium injection	100mg and 250mg	20	✓	✓
9	furosemide injection	10mg/ml	10	X	✓
10	lidocaine injection	2% W/V , 10ml	10	✓	✓
11	plasma expander infusion	500 ml	5	X	✓
12	sodium bicarbonate injection	8.4% w/v , 25ml	10	X	✓
13	tranexamic acid injection	250mg/5ml	10	✓	✓
14	water for injection,	5ml	5	✓	✓
15	25% dextrose water injection	25ml ampoule	10	✓	✓
16	ringer lactate infusion	1000ml	10	✓	✓
17	dextrose infusion	10%,500ml	10	X	✓
18	normal saline infusion	1000 ml	10	✓	✓
19	normal saline with dextrose infusion	5%, 1000 ml	10	X	✓
20	glyceryl trinitrate sublingual	500 mcg	50	✓	✓
21	isosorbide dinitrate sublingual	5 mg	10	✓	✓
22	lidocaine	2% gel	5	✓	✓
23	cotton roll BPC	500 gm	5	✓	✓
24	cotton bandage BPC	4; 6 inch	24	✓	✓
25	disposable syringe (AD)	5 cc	10	✓	✓
26	disposable syringe	10 cc	5	X	✓
27	disposable syringe	1cc	5	X	✓
28	disposable syringe	20 cc	1	X	✓
29	volumetric chamber (I.V. burette)		5	X	✓
30	IV set		45	✓	✓
31	IV Cannula	16 G, 18G, 20G, 22G, 24G	25	✓	✓
32	endotracheal tube (ETT)	3; 3.5; 4; 7.5; 8 mm;	10	✓	✓
33	Foley's catheter	all sizes (10 F to 28 F)	10	✓	✓
34	nasogastric (NG) tube	14-18; pediatric 10-14	12	✓	✓

List of Essential Medicines & Disposable Supplies for  
**Secondary Healthcare Facilities**

Department of Health  
Government of Balochistan

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
<b>ANAESTHETICS GENERAL</b>					
1	isoflurane	inhalation		✓	✓
2	ketamine (hydrochloride)	injection	50mg /ml in 10ml	✓	✗
3	nitrous oxide	inhalation		✓	✗
4	oxygen (medicinal gas) cylinder	inhalation		✓	✓
5	propofol	injection	10 mg / ml in 20 ml	✓	✓
6	thiopental (sodium)	injection	500 mg (50 mg/ml in 10 ml)	✓	✗
<b>(1) MUSCLE RELAXANTS</b>					
7	atracurium (besylate)	injection	10 mg/ml	✓	✗
8	neostigmine (metilsulphate)	injection	2.5 mg in 1ml	✓	✗
9	suxamethonium (chloride)	ampoule	50 mg /ml in 2-ml	✓	✗
<b>(2) ANAESTHETICS LOCAL</b>					
10	bupivacaine (hydrochloride) injection for spinal anesthesia	vial ampoule	0.25%; 0.5% 7.5mg/ml in 2ml (to be mixed with 7.5% glucose solution)	✓	✗
11	lidocaine (hydrochloride)	vial/ ampoule topical gel topical solution	2% 2% w/w 4% w/v	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
12	lignocaine + epinephrine (adrenaline)	injection dental cartridge	2% + 1:200 000 2% + 1:80 000	✓ ✓	✗ ✗
<b>(3) ANALGESICS OPIOID &amp; CENTRALLY ACTING</b>					
13	morphine (sulphate or hydrochloride)	ampoule	10 mg / 1-ml ( <i>only for severe N/l pain</i> )	✓	✗
14	nalbutphine	injection	10 mg	✓	✗
<b>(4) ANALGESICS / NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIM's)</b>					
15	acetylsalicylic acid	dispersible tablets	300 mg	✓	✓
16	diclofenac (sodium)	tablets ampoule	50 mg 75 mg in 3ml	✓ ✓	✓ ✓
17	ibuprofen [a]	tablets syrup	200, 400 mg 200 mg/5ml	✓ ✓	✓ ✓
18	mefenamic acid	tablets	250 mg	✓	✗
19	naproxen	tablets	250, 500 mg	✓	✓
20	paracetamol	tablets syrup suppository	500 mg 120 mg / 5ml 100 mg	✓ ✓ ✓	✓ ✓ ✓
<b>(5) MEDICINES TO TREAT GOUT</b>					
21	allopurinol	tablets	100 mg	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
<b>(6) ANTIALLERGICS AND MEDICINES USED IN ANAPHYLAXIS</b>					
22	<input checked="" type="checkbox"/> chlorpheniramine (hydrogen maleate) 	tablets syrup 	4 mg 2 mg / 5 ml	✓	✓
23	dexamethasone (disodium phosphate)	injection tablets	4 mg / ml 0.5 mg	✓	✓
24	epinephrine (adrenaline)	ampoule	1 mg / ml	✓	✓
25	hydrocortisone (sodium succinate)	injection	100 mg, 250 mg	✓	✓
26	loratadine	tablets syrup	10 mg 1 mg/ml	✓	✓
27	promethazine (HCL)	tablets syrup	25 mg 25 mg/5ml	✓	✓
28	<input checked="" type="checkbox"/> prednisolone	tablets	5 mg	✓	✓
<b>(7) ANTIDOTES AND OTHER SUBSTANCES USED IN POISONING</b>					
29	atropine (sulphate) 	ampoule	1 mg in 1ml	✓	✓
30	charcoal activated	powder		✓	✓
31	methylthioninium chloride (methylene blue)	ampoule	10mg/ml -in 10ml	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
32	naloxone (hydrochloride)	ampoule	400 mcg in 1ml	✓	✓
33	flumazenil	injection	100 mcg / ml in 10 ml	✓	✗
<b>(8) ANTICONVULSANT / ANTI-EPILEPTIC MEDICINES</b>					
34	carbamazepine	tablets syrup	200 mg 100mg / 5ml	✓	✓
35	divalproex sodium (semi-sodium valproate)	tablets	250; 500 mg	✗	✗
36	magnesium sulphate ( <i>For eclampsia only</i> )	injection	500mg/ml	✓	✓
37	phenobarbital (sodium)	tablets injection	30 mg 200 mg /ml	✓	✓
38	phenytoin (sodium)	tablets syrup	100 mg 30 mg/5 ml	✓	✗
<b>(9) ANTIBIOTICS / ANTIMICROBIALS</b>					
<b>GROUP I – KEY ACCESS ANTIBIOTICS</b>					
39	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet powder for suspension © injection	250mg, 500 mg 125mg & 250mg /5ml 250 mg, 500 mg	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
40	amoxicillin + clavulanic acid	tablets syrup injection	375 mg; 625 mg 125 mg amoxicillin + 31.25 mg clavulanic acid /5 ml; 250 mg amoxicillin + 62.5 mg clavulanic acid /5 ml 1.2 Gm; 600mg	✓ ✓ ✓	✓ ✓ ✓
41	ampicillin (sodium)	capsules powder for suspension 	250 mg , 500 mg 125 mg& 250 /5ml	✓ ✓	✓ ✓
42	benzyl penicillin (sodium)	injection 	500 mg and 1 g	✓	✓
43	cloxacillin + ampicillin	injection 	600 mg (= 1 million IU); 3 g (= 5 million IU) (sodium or potassium salt) in vial	✓ ✓	✓ ✓
44	 cotrimoxazole (sulfamethoxazole + trimethoprim)	tablets  syrup 	250mg 400mg + 80 mg 200mg + 40mg/5 ml	✓ ✓ ✓	✓ ✓ ✓
45	doxycycline 	capsules  syrup 	100 mg 25mg / 5ml	✓ ✓	✓ ✓
46	erythromycin	tablets syrup	250; 500mg 125 mg / 5ml	✓ ✓	✓ ✓
47	 gentamicin (sulphate)	injection tablets	40 mg, 80 mg 200 mg, 400 mg	✓ ✓	✓ ✓
48	 metronidazole	injection syrup	500 mg in 100-ml 200 mg / 5ml ( <i>Benzocare</i> )	✓ ✓	✓ ✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
49	nitrofurantoin	tablets	100 mg	✓	✓
50	phenoxyethyl penicillin (potassium)	tablets	250 mg , 500 mg	✓	✓
51	amikacin (sulphate) (Reserved 2nd line)	injection capsules	100mg; 500mg, 250 mg, 500 mg	✓	✗
52	azithromycin	suspension	125mg / 5ml in 22.5ml	✓	✓
53	cefixime* (trihydrate)	capsules	400 mg	✓	✓
54	cefotaxime*	suspension injection	100mg /5ml 500 mg	✓	✗
55	ceftiaxone (sodium) 	powder for injection tablets	250 mg, 500mg, 1 gm 250mg, 500 mg	✓	✓
56	ciprofloxacin (hydrochloride)	suspension	125 mg /5ml	✓	✓
57	clarithromycin* <i>(Recommended for use in combination regimens for eradication of H. Pylori in adults)</i>	tablets	500 mg	✓	✓
58	flucloxacillin [floxacillin sodium]	injection capsules	250 mg, 500 mg 250 mg, 500 mg	✓	✗
59	levofloxacin	tablets	250 mg , 500 mg	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
60	vancomycin (HCl)	injection	500 mg	✓	✗
<b>(10) ANTIHELMINTIC MEDICINES</b>					
61	albendazole	tablets syrup	200 mg 100 mg / 5ml	✓ ✓	✓ ✓
62	niclosamide	tablets	500 mg	✓	✓
63	pyrantel (pamoate)	tablets syrup	250 mg 250 mg / 5ml	✓ ✓	✓ ✓
<b>(11) ANTI-FUNGAL MEDICINES</b>					
64	clotrimazole	vaginal cream vaginal tablet	1% w/v 100, 500 mg	✓ ✓	✓ ✓
65	☐ fluconazole	capsules injection syrup	50 mg 2 mg/ml 50 mg/5 ml	✓ ✓ ✓	✓ ✓ ✓
66	miconazole	cream oral solution ©	2 % w/w 2 % w/v	✓ ✓	✓ ✓
67	nystatin	tablets drops © vaginal tablet	500,000 IU 100,000 IU/ml 100 000 IU	✓ ✓ ✓	✓ ✓ ✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
<b>(12) ANTI-TUBERCULOSIS MEDICINES (As per TB Control Program guidelines)</b>					
<b>FIRST LINE MEDICINES</b>					
68	ethambutol	tablets	100 mg; 400 mg	✓	✓
69	isoniazid	tablets	100 mg; 300mg	✓	✓
70	pyrazinamide	tablets	400 mg	✓	✓
71	rifampicin	capsules / syrup	300 mg	✓	✓
72	streptomycin	injection	1 gm	✓	✓
73	rifampicin + isoniazid (RH)	tablets	150mg + 75mg	✓	✓
74	rifampicin + isoniazid + pyrazinamide (RHZ)	tablets dispersible	75mg + 50mg	✓	✓
75	rifampicin + isoniazid + pyrazinamide + ethambutol (RHZE)	tablets	150mg+75mg+400mg+275 mg	✓	✓
76	rifampicin + isoniazid + ethambutol (RHE)	tablets	150 mg + 75 mg + 275 mg	✓	✓
<b>SECOND LINE MEDICINES (MDR-TB)</b> (Reserve second-line drugs for the treatment of multidrug-resistant tuberculosis (MDR-TB) should be used in specialized centres adhering to WHO standards for TB control)					
77	amikacin	injection	100mg; 500mg	✓	✓
78	bedquiline	tablets	100 mg	✓	✓
79	capreomycin	injection	1 gm	✓	✓
80	clofazimine	capsules	50mg; 100mg	✓	✓
81	cycloserine*	capsules	250 mg	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
82	delamanid	tablets	50 mg	✓	✓
83	ethionamide*	tablets	125mg; 250mg	✓	✓
84	kanamycin (sulphate)	injection	500mg; 1 gm	✓	✓
85	levofloxacin	tablets	250mg; 500 mg	✓	✓
86	linezolid	tablets	400mg; 600mg	✓	✓
87	moxifloxacin	tablets	400 mg	✓	✓
88	p-aminosalicylic acid	tablets	500 mg	✓	✓
<b>(13) ANTI-LEISHMANIASIS MEDICINES</b>					
89	amphotericin B	injection	50 mg in vial	✓	✓
90	sodium stibogluconate	injection	100 mg/ml in 30ml vial	✓	✓
<b>(14) ANTI-DIABETIC MEDICINES</b>					
91	glibenclamide	tablets	5 mg	✓	✓
92	insulin regular	injection	100 U / ml	✓	✓
93	insulin comp	injection	30 + 70 % w/v	✓	✓
94	metformin (hydrochloride)	tablets	500 mg	✓	✓
<b>(15) ANTI-MALARIAL MEDICINES</b>					
95	artesunate ( <i>management of severe malaria</i> )	ampoule	60 mg/ml in 1-ml	✓	✓
96	artemether + lumefantrine	tablets ☺	20 mg + 120 mg	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
97	artesunate plus sulfadoxine and pyrimethamine <i>to be used in combination (co blister)</i>	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.	✓	✓
98	chloroquine (phosphate or sulphate)	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.	✓	✓
99	primaquine (diphosphate) ( <i>For Vivax</i> )	tablets	150 mg	✓	✓
100	sulfadoxine + pyrimethamine <i>co-blister / combined therapy</i> ( <i>For Falciparum</i> )	tablets	15 mg	✓	✓
100	sulfadoxine + pyrimethamine <i>co-blister / combined therapy</i> ( <i>For Falciparum</i> )	tablets	500mg + 25 mg	✓	✓
<b>(16) MEDICINES ACTING ON GASTROINTESTINAL TRACT</b>					
101	aluminum hydroxide + magnesium trisilicate	tablets	250mg +500mg	✓	✓
102	bisacodyl	tablets	5 mg	✓	✓
103	dimenhydrinate	injection	40mg	✓	✗
104	drotaverine	injection	50mg / ml	✓	✗
105	glycerin	suppository		✓	✓
106	hyoscine (butylbromide)	injection	20 mg/ml	✓	✓
106	hyoscine (butylbromide)	tablets	10 mg	✓	✓
107	magnesium oxides and hydroxides	suspension	7.9 %w/v	✓	✓
108	metoclopramide (hydrochloride) <span style="background-color: green;">█</span>	tablets	10 mg	✓	✓
108	metoclopramide (hydrochloride) <span style="background-color: green;">█</span>	syrup	5 mg / 5ml	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
		injection	5mg/ml	✓	✓
109	omeprazole	tablets	10mg; 20mg; 40mg	✓	✓
		injection	40mg	✓	✓
110	ORS (low osmolarity) <i>Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea</i>	sachet	40mg 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. phloroglucinol 80mg + trimethylphloroglucinol 80mg	✓	✓
111	phloroglucinol	tablets		✓	✓
112	sodium phosphate	enema	7.2g /120ml	✓	✓
<b>(17) ANTI VIRAL MEDICINES</b>					
113	interferon alpha 2b	injection	3 MIU	✓	✓
		tablets	200 mg	✓	✗
114	acyclovir	injection	250mg; 500mg	✓	✗
		cream	5 % w/w	✓	✗
		oral liquid	0.05 mg/5 m	✓	✗
115	entecavir (for Hepatitis B)	tablets	0.5mg; 1mg	✓	✗
116	ribavirin	tablets	200mg, 400mg, 600 mg	✓	✓
117	sofosbuvir (for Hepatitis C)	tablets	200mg / 400mg	✓	✗
<b>(18) CARDIOVASCULAR MEDICINES</b>					
118	acetylsalicylic acid	tablets (enteric coated)	75 mg; 100 mg	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
119	adenosine	injection	10 mg /3ml	✓	✗
120	amiodarone (HCl)	injection tablets	150 mg /ml 200 mg	✓ ✓	✗ ✗
121	□ bisoprolol	tablets	1.25 mg; 5 mg	✓	✗
122	digoxin	tablets	62.5, 250mcg	✓	✓
		injection	250mg /ml in 2ml	✓	✓
123	dopamine (hydrochloride)	injection	40 mg/ml in 5ml vial	✓	✓
124	dobutamine (hydrochloride)	injection	50mg/ml in 5ml	✓	✗
125	□ enalapril (maleate)	tablets	2.5mg, 5 mg	✓	✗
126	glyceryl trinitrate	sublingual	500 mcg	✓	✓
		injection	20 mg	✓	✓
127	hydralazine (hydrochloride) ( <i>For severe PIH only</i> )	tablets sublingual infusion	25mg, 50 mg 5 mg 10 mg/10ml	✓ ✓ ✓	✗
128	□ isosorbide dinitrate				
129	losartan	tablets	50mg	✓	✗
130	methyl)dopa ( <i>for severe PIH only</i> )	tablets injection	250mg, 500 mg 250 mg	✓ ✓	✓ ✓
131	propranolol	tablets	10mg, 40mg, 80 mg	✓	✓
132	streptokinase	powder for injection	1.5 million IU	✓	✗

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
133	<input checked="" type="checkbox"/> simvastatin	tablets	5mg, 10mg, 20mg, 40 mg	✓	✗
134	verapamil (hydrochloride)	tablets injection	40 mg; 80 mg 2.5 mg / ml in 2ml	✓	✗
<b>(19) DIURETICS</b>					
135	<input checked="" type="checkbox"/> furosemide	tablets injection	20mg, 40 mg 10 mg	✓	✓
136	<input checked="" type="checkbox"/> hydrochlorothiazide	tablets	12.5mg, 25 mg	✓	✓
137	spironolactone	tablets	100 mg	✓	✓
<b>(20) MEDICINES AFFECTING COAGULATION</b>					
138	enoxaparin (low molecular weight heparin)	injection	20 mg; 40 mg	✓	✓
139	tranexamic acid	injection capsules	100 mg/ml in 5-ml 250mg, 500mg	✓	✓
140	<input checked="" type="checkbox"/> warfarin (sodium)	tablets	1mg, 2mg, 5 mg	✓	✓
<b>(21) OXYTOCIC &amp; ANTI-OXYTOCIC MEDICINES</b>					
141	misoprostol	tablets	200 mcg	✓	✓
142	oxytocin	injection	10 IU in 1-ml	✓	✓
143	nifedipine	softgel capsules	10 mg	✓	✓
<b>(22) MEDICINES ACTING ON RESPIRATORY TRACT</b>					
144	aminophylline	injection tablets	25mg/ml in 10ml 100 mg	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
145	beclomethasone	syrup	32mg /5ml	✓	✗
146	montelukast	Inhaler	50 mcg/actu	✓	✓
147	□ salbutamol (sulphate) / albuterol	tablets inhaler	4, 5, 10 mg 100 micrograms	✓ ✓	✓ ✓
148	theophylline	injection solution for nebulizer	50 micrograms in 5ml 5 mg /ml	✓ ✓	✓ ✓
		tablets	100 mg	✓	✓
<b>(23) OPHTHALMIC MEDICINES</b>					
149	acyclovir	eye ointment	3 % w/w	✓	✗
150	ciprofloxacin	eye drops	0.3 %w/v	✓	✗
151	dexamethasone	eye drops	0.1 %w/v	✓	✓
152	fluorescein	eye strips / drops	1 % w/v	✓	✗
153	□ gentamicin (sulphate)	eye drops	0.30%	✓	✓
154	homatropine (bromide)	eye drops	0.1; 0.5 %	✓	✓
155	moxifloxacin	eye drops	1 %w/v	✓	✗
156	pilocarpine (hydrochloride or nitrate)	eye drops	2%; 4%	✓	✓
157	polymyxin B (sulphate)+ bacitracin zinc	eye ointment	10000IU/g + 500IU/g	✓	✓
158	□ tetracycline (hydrochloride)	eye ointment	1%	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
159	□ proparacaine (hydrochloride) <span style="color: green;">[a]</span>	eye drops	0.50%	✓	✓
160	□ timolol (hydrogen maleate)	eye drops	0.25%; 0.5%	✓	✓
161	tobramycin	eye drops	1 %w/v	✓	✗
162	travoprost	eye drops	40 ug	✓	✗
163	tropicamide	eye drops	1 %w/v	✓	✗
<b>(24) MEDICINES FOR EAR, NOSE &amp; THROAT</b>					
164	betahistine	tablets	8 mg; 16 mg	✓	✗
165	cinnarizine	tablets	25 mg; 75 mg	✓	✗
166	ciprofloxacin	ear drops	0.30%	✓	✓
167	ephedrine	nasal drops	0.5%	✓	✓
168	glycerin ( <i>only for wax removing</i> )	ear drops	40%	✓	✓
169	lignocaine	topical solution	4%	✓	✓
170	polymyxin B sulphate + lignocaine	ear drops	each ml contains polymyxin B (sulphate):10000 IU/ml; lignocaine:50mg/ml;5ml	✓	✓
171	saline nasal drops	nasal drops	0.9%	✓	✓
<b>(25) I/V INFUSIONS / PLASMA SUBSTITUTES</b>					
172	dextrose + saline	infusion	5 % + 0.9% w/v	✓	✓
173	glucose / dextrose	infusion	5, 10, %	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
174	saline	ampoule infusion infusion infusion	25% 0.9% 0.45 % 1/5 saline	✓ ✓ ✓ ✓	✓ ✓ ✗ ✗
175	mannitol	infusion	20 %w/v	✓	✓
176	plasma expander / substitute	infusion	polygeline 3.5/4% + dextran 6 %w/v	✓	✓
177	potassium chloride	solution	11.2% in 20-ml ampoule	✓	✗
178	□ ringer's lactate (sodium lactate compound solution)	infusion	infusion, 1000ml contains calcium chloride 0.2gm, potassium chloride 0.3gm, sodium chloride 6 gm, sodium lactate 3.1 gm U.S.P., sterile water for injection 1000ml (q.s.)	✓	✓
179	sodium bicarbonate	injection	7.5 % isotonic	✓	✗
180	water for injection	ampoule	5 ml, 10 ml	✓	✓
<b>(26) VITAMINS &amp; MINERALS</b>					
181	ascorbic acid	tablets	50, 100, 500 mg	✓	✓
182	B complex (B1, B6 and B12)	tablets	DRAP approved	✓	✓
183	calcium gluconate	injection	100 mg/ml in 10-ml	✓	✓
184	calcium lactate	tablets	500mg, 1gm	✓	✓
185	□ cholecalciferol (vitamin D3)	tablets / oral caps oral drops	1.25 mg (50000 IU) 40 IU	✓ ✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
186	ferrous salt (fumarate) <i>(Nutritional supplement for use during pregnancy)</i>	tablets syrup	equivalent to 60 mg iron equivalent to 25 mg/ml iron	✓	✓
187	folic acid	tablets	0.5,1mg & 5mg	✓	✓
188	ferrous salt + folic acid <i>(Nutritional supplement for use during pregnancy)</i>	tablets	tablet, equivalent to 60 mg iron + 400 mcg folic acid	✓	✓
189	hydroxocobalamin	ampoule	1 mg in 1ml	✓	✓
190	multiple micronutrients	sachet	UNICEF approved	✓	✓
191	multivitamins	tablets	DRAP approved	✓	✓
192	retinol (vitamin A)	tablets/ capsules	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)	✓	✓
193	vitamin K1 (phytonadione)	injection	1 mg; 10 mg	✓	✓
194	zinc sulphate <i>(for acute diarrhea with ORS)</i>	dispersible tablets	20 mg	✓	✓
<b>(27) DERMATOLOGICAL MEDICINES</b>					
195	<input checked="" type="checkbox"/> benzyl benzoate 	lotion	5% & 25%	✓	✓
196	<input checked="" type="checkbox"/> betamethasone 	cream / ointment	0.1%	✓	✓
197	<input checked="" type="checkbox"/> calamine	lotion	15%	✓	✓
198	coal tar	lotion	5%	✓	✓
199	<input checked="" type="checkbox"/> hydrocortisone	cream	1%	✓	✓
200	permethrin	cream / lotion	5 % / 1 %	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
201	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000IU/g + 500IU/g	✓	✓
202	silver sulphadiazine [a]	cream	1%	✓	✓
203	sodium thiosulphate	solution	15%	✓	✓
<b>(28) MEDICINES FOR MENTAL &amp; BEHAVIORAL DISORDERS</b>					
204	alprazolam	tablets	0.5 mg	✓	✓
205	amitriptyline (hydrochloride)	tablets	25 mg	✓	✗
206	bromazepam	tablets	3 mg	✓	✗
207	carbamazepine	tablets	100 mg; 200 mg	✓	✗
208	chlorpromazine (hydrochloride)	injection	25mg in 2ml	✓	✓
209	clomipramine (hydrochloride)	tablets	10 mg; 25 mg	✓	✗
210	diazepam	tablets	2, 5mg	✓	✓
211	fluoxetine (hydrochloride) [a] [C]	injection	10mg	✓	✓
211	fluoxetine (hydrochloride) [a] [C]	tablets	20 mg	✓	✗
212	fluphenazine	tablets	25 mg	✓	✗
213	olanzapine	tablets	5mg, 7.5 mg	✓	✗
<b>(29) CONTRACEPTIVES</b>					
214	condoms			✓	✓
215	copper T / multiload	IUD		✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
216	DMPA (medroxyprogesterone acetate)	injection	150 mg/ 1 ml	✓	✓
217	estradiol valerate + norethisterone	injection	5 mg + 50 mg	✓	✓
218	<input checked="" type="checkbox"/> ethynodiol + <input checked="" type="checkbox"/> norethisterone	CO pills	35mcg + 1mg	✓	✓
219	etonogestrel-releasing implant	sub dermal implant	1 rod 68mg each (Use life: 3 years)	✓	✓
220	<input checked="" type="checkbox"/> levonorgestrel	PO pills	30 mcg	✓	✓
221	<input checked="" type="checkbox"/> levonorgestrel	EC pills	750 mcg (pack of 2)	✓	✓
222	levonorgestrel-releasing implant	sub dermal implant	2 rod 75mg each (Use life: 5 years)	✓	✓
223	norethisterone	injection	200 mg/ml in 1ml	✓	✓
<b>(30) VACCINES &amp; SERA (WHO approved/as per national EPI program)</b>					
224	anti-rabies vaccine (PV/RV)	single dose vial	>2.5 IU	✓	✓
225	anti-snake venom serum			✓	✓
226	anti D immunoglobulin (human)	single dose vial	250 micrograms	✓	✓
227	BCG vaccine			✓	✓
228	diphtheria antitoxin	vial	10 000 IU; 20 000 IU	✓	✓
229	hepatitis B vaccine			✓	✓
230	measles vaccine			✓	✓
231	meningococcal vaccine			✓	✓
232	pentavalent vaccine			✓	✓
233	pneumococcal vaccine			✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
234	polio vaccine (OPV trivalent)/ IPV	oral/ injection		✓	✓
235	rabies immunoglobulin (human)	vial	150 U/ml	✓	✓
236	rotavirus			✓	✓
237	tetanus toxoid			✓	✓
	tetanus immunoglobulin (human)	injection	500 U in vial	✓	✓
239	typhoid			✓	✓
<b>(31) ANTISEPTICS / DISINFECTANTS</b>					
240	chlorhexidine digluconate (7.1%) <i>(Antiseptic for Cord Care)</i>	gel	equivalent to 4 % chlorhexidine	✓	✓
241	chloroxylenol	solution	5 % w/v	✓	✗
		solution	10 % w/v	✓	✓
		scrub	7.5 % w/v	✓	
242	povidone-iodine	gel	10 % w/v	✓	✗
<b>(32) DISPOSABLE SUPPLIES</b>					
243	absorbent cotton wool	pack	500 gm	✓	✓
244	adhesive tape (hypoallergenic)	roll	1, 2 inch	✓	✓
245	airways disposable	sterile packs	all sizes	✓	✓
246	blood bags (ACDP) with transfusion sets	sterile packs		✓	✓
247	blood lancets	sterile packs		✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
248	caps disposable	packs	male; female	✓	✓
249	chromic cartag sterile	sterile packs	0, 1, 2; 2/0, 3/0, 4/0	✓	✓
250	cord clamps disposable	sterile packs		✓	✓
251	colostomy bag set	sterile packs		✓	✓
252	cotton bandage	roll	6.5 cm x 2 m; 0.5 in – 6 inches	✓	✓
253	crepe bandage	roll	7.5, 10 cm x 2.7 m	✓	✓
254	CVP line	sterile packs	triple lumen	✓	✗
255	ECG paper	roll / pack		✓	✓
256	endotracheal tube (ETT)	sterile packs	set of 12 (different sizes)	✓	✓
257	examination gloves (latex)	pairs	box of 100 (small, medium and large size) [1:2:1]	✓	✓
258	eye pads	sterile packs		✓	✓
259	face masks disposable		all types (N95, ASTM level I-3, Utility mask)	✓	✓
260	foley's catheter (silicon coated / silicon)	sterile packs	all sizes	✓	✓
261	gowns / aprons disposable	sterile packs		✓	✓
262	I.V sets	sterile packs		✓	✓
263	I.V cannula	sterile packs	I8 G, 20 G, 22 G, 24 G	✓	✓
264	nasogastric (NG) tube	sterile packs	adult size 6; 8; 10; 12; pediatrics size 16; 18; 20	✓	✓
265	nasal oxygen cannula	sterile packs	neonatal; pediatric; adult	✓	✓
266	plaster of paris bandage	roll	10 cm, 20 cm x 6 m	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
267	polypropylene sterile sutures	sterile packs	0, 1/0, 2/0, 3/0, 4/0	✓	✓
268	polyglactin sterile sutures	sterile packs	1; 2/0; 3/0; 4/0; 6/0(8mm)	✓	✓
269	resuscitator bag with mask		adult / pediatric sizes; 0; 1	✓	✓
270	scalp vein set	sterile packs	DRAp approved	✓	✓
271	silk sutures sterile	12 / pack	0, 1, 2/0, 3/0, 4/0; 8/0; 10/0	✓	✓
272	silk sutures sterile (on straight needle)	12 / pack	0	✓	✓
273	slides glass	sterile packs		✓	✓
274	spinal needle	sterile packs	22g; 25G	✓	✓
275	sterile gauze dressing	sterile packs	7.5 x 7.5 cm (10 poly)	✓	✓
276	sterile surgical gloves	Pairs	7, 7½, 8	✓	✓
277	suction catheter	sterile packs	different sizes	✓	✓
278	surgical blades (carbon steel)	sterile packs	different sizes	✓	✓
279	syringe (auto disable)	sterile packs	1cc, 5cc	✓	✓
280	syringe disposable	sterile packs	5; 10; 20; 50; 60 cc - (catheter tip)	✓	✓
281	urine bags	sterile packs	2L; pediatric	✓	✓
282	volumetric chamber (I.V burette)	sterile packs	100 ml size	✓	✓
283	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> </ul>	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
			<ul style="list-style-type: none"> <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>		
<b>(33) DIAGNOSTIC KITS</b>					
284	blood sugar test strips			✓	✓
285	purified precipitated protein (PPD)		for diagnosis of childhood TB	✓	✓
286	urine test strips			✓	✓
<b>(34) RADIOLOGY MATERIALS &amp; RADIO CONTRAST MEDIA</b>					
287	amiodarone	injection	140 to 420 mg iodine /ml in 20 ml	✓	✓
288	barium sulphate	aqueous suspension		✓	✓
289	contrast media for radiography (CT; MRI)	injection		✓	
290	film developer	solution / powder	bulk packing	✓	✓
291	film fixer	solution / powder	bulk packing	✓	✓
292	iohexol	injection	300 mg/ 350 mg /ml in 30-ml; 50-ml ampoules.	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Facility	
				DHQ	THQ
293	meglumine iodine	solution	76% w/v 370 mg/ml	✓	✓
294	ultrasound gel	tubes		✓	✓
295	ultrasound print paper	roll	110 mm x 20 m	✓	✓
296	X-Ray films	packs	different sizes: 10 x 12; 12 x 15; 8 x 10	✓	✓
<b>(35) DENTAL MATERIALS</b>					
297	dental needles disposable	sterile packs	different sizes	✓	✓
298	dental X-Ray films	packs	3 x 4 cm	✓	✓
299	glass ionomer cement for filling	packs	powder + liquid + spoon + mixing pad	✓	✓
300	hybrid composite kit	packs	syringes + bond + etching + shade guide	✓	✓
301	pouches for autoclave disposable	packs	small, medium, large	✓	✓
302	other disposable dental materials			✓	✓







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