

ESSENTIAL MEDICINES & DISPOSABLE SUPPLIES LIST



**Department of Health
Government of Khyber Pakhtunkhwa**



ESSENTIAL MEDICINES & DISPOSABLE SUPPLIES LIST

August 2017

This publication was produced for review by the U.S. Agency for International Development. It was prepared by the USAID GLOBAL HEALTH SUPPLY CHAIN PROGRAM –PROCUREMENT AND SUPPLY MANAGEMENT implemented by CHEMONICS INTERNATIONAL.

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

Recommended Citation

The Department of Health, Government of Khyber Pakhtunkhwa, Pakistan 2017.
List of Essential Medicines and Disposable Supplies. USAID GLOBAL HEALTH
SUPPLY CHAIN PROGRAM –PROCUREMENT AND SUPPLY MANAGEMENT,
Task Order 4, for Department of Health, Government of Khyber Pakhtunkhwa,
Pakistan

CONTENTS

Acronyms	05
Symbols and Terms	07
Foreword	09
Acknowledgment	11
Essential Medicines	13
Using Essential Medicines List	16
References	19
EML for Primary Healthcare Facilities	21
EML for Secondary Healthcare Facilities	37

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 Khyber Pakhtunkhwa, 2017, which is a critical document for the quality of health services across the province.

The Khyber Pakhtunkhwa 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 Khyber Pakhtunkhwa. 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 Khyber Pakhtunkhwa.

Mr. Abid Majeed
Secretary,
Department of Health
Government of Khyber Pakhtunkhwa



ACKNOWLEDGMENT

In 2014, with the technical and financial support of USAID, the Department of Health, Government of Khyber Pakhtunkhwa, 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 Khyber Pakhtunkhwa 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 20th 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 Khyber Pakhtunkhwa 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.KhyberPakhtunkhwa.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 Khyber Pakhtunkhwa.

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.



Dr. Shabina Raza
Director General Health Services
Department of Health
Government of Khyber Pakhtunkhwa

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).

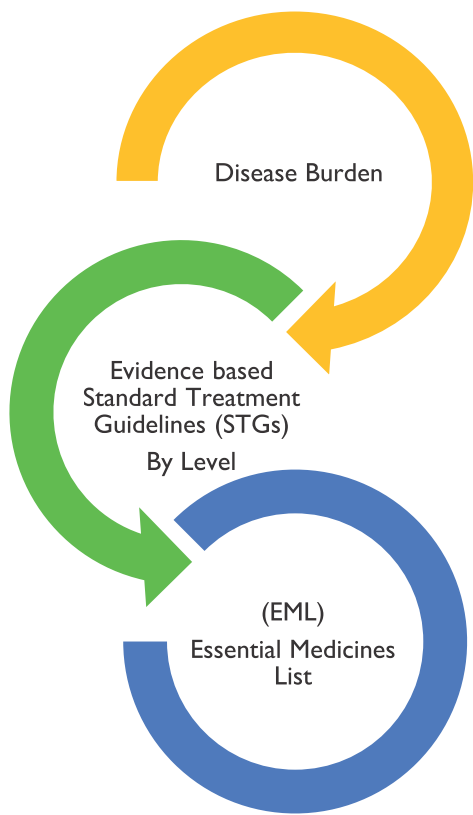
WHAT ARE DISPOSABLE SUPPLIES?

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 1: 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

REFERENCES

World Health Organization (WHO). 1978.

Declaration of Alma-Ata International Conference on Primary Health Care, Alma-Ata, USSR, 6-12 September 1978, Geneva: WHO. Available at

http://www.who.int/publications/almaata_declaration_en.pdf (accessed August 25, 2017)

World Health Organization (WHO). 2002.

Promoting Rational Use of Medicines: Core Components - WHO Policy Perspectives on Medicines, No. 005, September 2002. Available from:

<http://apps.who.int/medicinedocs/en/d/jh3011e/2.html> (accessed August 25, 2017)

World Health Organization (WHO). 2017.

WHO Model List of Essential Medicines. Geneva: WHO.

http://www.who.int/medicines/publications/essentialmedicines/20th_EML2017_FIN_AL_amendedAug2017.pdf?ua=1 (accessed August 25, 2017)

Drug Regulatory Authority of Pakistan Act, 2012 (DRAP Act 2012)

<http://www.dra.gov.pk/userfiles1/file/DRAP%20Act.pdf> (accessed August 25, 2017)

Medical devices Rules, 2015 (MDR, 2015)

<http://www.dra.gov.pk/userfiles1/file/Medical%20Devices%20Rules,%202015%20-Notified%2009-03-2015-.pdf> (accessed August 25, 2017)

List of Essential Medicines & Disposable Supplies for

Primary Healthcare Facilities

Department of Health
Government of Khyber Pakhtunkhwa

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
(1) ANAESTHETICS LOCAL				LHW	CMW	CD	BHU / MCH	RHC
1	□ lidocaine (hydrochloride)	vial/ ampoule	2%			✓	✓	✓
		topical gel	2%			✓	✓	✓
2	lignocaine + epinephrine (adrenaline)	injection	2% + 1:200 000			✗	✗	✓
		dental cartridge	2% + 1:80 000			✗	✗	✓
(2) ANALGESICS / NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIMs)								
3	acetylsalicylic acid (dispersible)	tablets	300 mg	✓	✓	✓	✓	✓
4	diclofenac (sodium)	tablets	50 mg			✓	✓	✓
		ampoule	75 mg in 3ml			✓	✓	✓
5	ibuprofen a	tablets	200 mg, 400 mg			✓	✓	✓
		syrup	200 mg/5ml			✓	✓	✓
6	mefenamic acid	tablets	250 mg		✓	✓	✓	✓
7	paracetamol	tablets	500 mg	✓	✓	✓	✓	✓
		syrup	120 mg / 5ml	✓		✓	✓	✓
		suppository	100 mg			✗	✗	✓
8	tramadol	injection	100 mg			✗	✗	✓
(3) ANTIALLERGICS and MEDICINES USED IN ANAPHYLAXIS								
9	□ chlorpheniramine (hydrogen maleate) a	tablets	4 mg			✓	✓	✓
		syrup ☉ a	2 mg /5 ml			✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU / MCH	RHC
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			✗	✗	✓
(4) ANTIDOTES AND OTHER SUBSTANCES USED IN POISONING								
15	atropine (sulphate) ☐	ampoule	1 mg in 1ml			✗	✓	✓
16	charcoal activated	powder				✗	✓	✓
17	diazepam	injection	10 mg			✗	✓	✓
18	naloxone (hydrochloride)	ampoule	400 mcg in 1ml			✗	✓	✓
(5) ANTI-CONVULSANTS / ANTI-EPILEPTICS								
19	carbamazepine	tablets	200 mg			✗	✓	✓
		syrup	100mg / 5ml			✗	✓	✓
20	magnesium sulphate (For eclampsia only)	injection	500mg/ml		✓	✗	✓	✓
21	phenobarbital (sodium)	tablets	30 mg			✓	✓	✓
		injection	200 mg /ml			✗	✗	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU / MCH	RHC
(6) ANTI-HELMINTHIC MEDICINES								
22	albendazole	tablets	200 mg			✓	✓	✓
		syrup	100 mg / 5ml			✓	✓	✓
23	mebendazole (chewable)	tablets	500 mg (with caution only for adults)	✓	✓	✓	✓	✓
(7) ANTI-FUNGAL MEDICINES								
24	clotrimazole	vaginal cream	1% w/v		✗	✓	✓	✓
		vaginal tablet	100, 500 mg		✓	✗	✓	✓
25	nystatin	tablets	500,000 IU		✗	✓	✓	✓
		drops ☺	100,000 IU/ml		✗	✓	✓	✓
		vaginal tablet	equivalent to 100 000 IU		✗	✗	✗	✓
(8) ANTIBIOTICS / ANTIMICROBIALS								
GROUP 1 – KEY ACCESS ANTIBIOTICS								
26	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules	250 mg, 500 mg		✓	✓	✓	✓
		syrup ☺	125mg & 250mg /5ml			✓	✓	✓
		injection	250mg, 500 mg			✗	✗	✓
27	amoxicillin + clavulanic acid	tablets	375 mg; 625 mg			✓	✓	✓
		syrup	125 mg amoxicillin + 31.25 mg clavulanic acid/5 ml			✓	✓	✓
		capsules	250 mg, 500 mg			✗	✓	✓
28	ampicillin (sodium)	syrup ☺	125 mg & 250 mg /5ml			✗	✓	✓
		injection	500 mg			✗	✗	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU / MCH	RHC
29	benzyl penicillin (sodium)	injection ☺	600 mg (= 1 million IU); 3 g (= 5 million IU) (sodium or potassium salt) in vial			✗	✗	✓
30	cotrimoxazole ^a (sulfamethoxazole + trimethoprim)	tablets ☺	400 mg + 80 mg			✓	✓	✓
31	doxycycline ^a	syrup ☺	200mg + 40mg/5 ml			✓	✓	✓
		capsules	100 mg			✓	✓	✓
32	erythromycin	tablets	250 mg			✓	✓	✓
		syrup	200mg /5ml			✓	✓	✓
33	☐ gentamicin (sulphate)	injection	40 mg, 80 mg			✗	✗	✓
34	☐ metronidazole (benzoate)	tablets	200 mg, 400 mg		✓	✓	✓	✓
		syrup	200 mg / 5ml			✓	✓	✓
		infusion	5mg/ml in 100ml			✗	✓	✓
GROUP 2 –WATCH GROUP ANTIBIOTICS								
35	☐ azithromycin	suspension	125mg / 5ml in 22.5ml			✗	✓	✓
36	clarithromycin	tablets	250 mg, 500 mg			✗	✗	✓
		syrup	125mg/5 ml			✗	✗	✓
37	cefixime (trihydrate)	capsules	400 mg			✗	✗	✓
		suspension	100mg/5ml			✗	✗	✓
38	☐ ciprofloxacin (hydrochloride)	tablets	250 mg, 500 mg			✓	✓	✓
		infusion	200mg/100ml			✗	✗	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
(9) ANTI-TUBERCULOSIS MEDICINES (As per TB Control Program guidelines)				LHW	CMW	CD	BHU / MCH	RHC
39	streptomycin	injection	1 gm				X	✓
40	rifampicin + isoniazid (RH)	tablets	150mg + 75mg				X	✓
		tablets dispersible	75mg + 50mg				X	✓
41	rifampicin + isoniazid + pyrazinamide (RHZ)	tablets dispersible	75mg + 50mg + 150 mg.				X	✓
42	rifampicin + isoniazid + pyrazinamide + ethambutol (RHZE)	tablets	150mg+75mg+400mg+275 mg				X	✓
43	rifampicin + isoniazid + ethambutol (RHE)	tablets	150 mg + 75 mg + 275 mg				X	✓
(10) ANTI-DIABETIC MEDICINES								
44	glibenclamide	tablets	5 mg			✓	✓	✓
45	insulin regular	injection	100 IU / ml			X	X	✓
46	insulin comp	injection	30 + 70 % w/v			X	X	✓
47	metformin (hydrochloride)	tablets	500 mg			✓	✓	✓
(11) ANTI-MALARIAL MEDICINES								
48	artesunate plus sulfadoxine and pyrimethamine to be used in combination (co blister)	tablets	co blister of (6+3) tablets-U.S.P. three large tablets, each has sulfadoxine 500mg + pyrimethamine 25mg; six small tablets, each has artesunate 100mg			✓	✓	✓
49	artesunate (management of severe malaria)	injection	60 mg/ml			X	X	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU / MCH	RHC
50	artesunate	tablets	50mg			✓	✓	✓
51	chloroquine (phosphate or sulphate)	tablets	150 mg			✓	✓	✓
		syrup	50mg/5ml			✓	✓	✓
52	primaquine (diphosphate) (For Vivax)	tablets	15 mg, 7.5 mg			✗	✗	✓
53	sulfadoxine + pyrimethamine co-blister / combined therapy (For Falciparum)	tablets	500mg + 25 mg			✓	✓	✓
(12) MEDICINES ACTING ON GASTROINTESTINAL TRACT								
54	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg			✓	✓	✓
55	aluminium hydroxide + magnesium hydroxides	suspension	215mg + 80mg /5ml			✓	✓	✓
56	bisacodyl	tablets	5 mg			✗	✓	✓
57	dimenhydrinate	tablets	50 mg			✗	✓	✓
		syrup	12.5 mg / 4ml			✓	✓	✓
58	glycerin	injection	10mg /2ml			✓	✓	✓
		suppository				✓	✓	✓
59	omeprazole	capsules	20mg, 40mg			✓	✓	✓
60	ORS (low osmolality) Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea	sachet	dry mixture (low osmolality 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, sodium chloride 2.6gm B.P.	✓		✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU / MCH	RHC
61	phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg			✓	✓	✓
		injection	phloroglucinol 40mg + trimethylphloroglucinol 0.04 mg in 4ml			×	×	✓
62	ranitidine	tablets	150 mg			×	✓	✓
		injection	25 mg / ml in 2ml			×	✓	✓
(13)	CARDIOVASCULAR MEDICINES							
63	enalapril (maleate)	tablets	5, 10 mg			×	×	✓
64	☐ furosemide	tablets	20, 40 mg			✓	✓	✓
		injection	10 mg			×	×	✓
65	glyceryl trinitrate	sublingual	500 mcg			×	✓	✓
66	☐ hydrochlorothiazide	tablets	25, 50 mg			×	×	✓
67	☐ isosorbide dinitrate	sublingual	5 mg			×	✓	✓
		tablets	250, 500 mg			✓	✓	✓
68	methyl dopa (For severe PIH only)	injection	250 mg			×	×	×
69	propranolol	tablets	10, 40, mg			×	✓	✓
(14)	OXYTOCIC & ANTIOXYTOCIC MEDICINES							
70	misoprostol	tablets	200 mcg		✓	×	✓	✓
71	oxytocin	injection	10 IU in 1-ml		✓	×	✓	✓
72	nifedipine	capsules	10 mg			×	×	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU / MCH	RHC
(15) MEDICINES ACTING ON RESPIRATORY TRACT								
73	aminophylline	injection	25 mg/ml			X	X	✓
74	ammonium chloride + chlorpheniramine + menthol + diphenhydramine + sodium citrate	syrup (expectorant)	131.5mg/5ml + 22mg/5ml + 1mg/5ml + 13.5mg/5ml + 55mg/5ml			✓	✓	✓
		tablets	2mg and 4mg			✓	✓	✓
75	□ salbutamol (sulphate) / albuterol	syrup	1 mg / ml			✓	✓	✓
		solution for nebulizer	5 mg /ml			X	✓	✓
(16) OPHTHALMIC / ENT MEDICINES								
76	boroglycerine	ear drops	40 % (only for wax removing)			✓	✓	✓
77	□ tobramycin	eye drops	0.30%			X	✓	✓
78	polymyxin B sulphate + lignocaine	ear drops	each ml is contains polymyxin B (sulphate):10000 IU/ml, lignocaine:50mg/ml;5ml plastic bottle.			✓	✓	✓
79	□ polymyxin B sulphate	eye ointment	5000 IU			✓	✓	✓
(17) I/V INFUSIONS / PLASMASUBSTITUTES								
80	dextrose + saline	infusion	5 % + 0.9% w/v		✓	✓	✓	✓
81	glucose / dextrose	infusion	5, 10, %			✓	✓	✓
		ampoule	25%			✓	✓	✓
82	normal saline	infusion	0.9%			X	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU / MCH	RHC
83	plasma expander / substitute	infusion	polygeline 3.5/4% + dextran 6 %w/v,			✗	✓	✓
84	□ ringer's lactate (sodium lactate compound solution)	infusion	1000ml contains calcium chloride 0.2gm, potassium chloride 0.3gm, sodium chloride, 6 gm, sodium lactate 3.1gm U.S.P, sterile water for injection 1000ml (q.s.),		✓	✓	✓	✓
85	sodium bicarbonate	injection	1.4% isotonic			✗	✓	✓
86	water for injection	ampoule	5 ml, 10 ml			✓	✓	✓
(18)	VITAMINS & MINERALS							
87	ascorbic acid	tablets	50, 100, 500 mg			✓	✓	✓
88	B complex (B1, B6 and B12)	tablets	DRAP approved			✓	✓	✓
		syrup	DRAP approved			✓	✓	✓
89	calcium gluconate	injection	100 mg/ml in 10-ml			✗	✗	✓
90	calcium lactate	tablets	500mg, 1gm			✓	✓	✓
91	□ cholecalciferol (vitamin D3)	tablets	1.25 mg (50 000 IU)			✗	✗	✓
92	ferrous salt (fumarate)	tablets	equivalent to 60 mg iron			✗	✗	✓
		syrup	equivalent to 25 mg/ml iron			✓	✓	✓
93	folic acid	tablets	5mg		✓	✓	✓	✓
94	ferrous salt + folic acid (Nutritional supplement for use during pregnancy)	tablets	equivalent to 60 mg iron + 400 mcg folic acid	✓	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU / MCH	RHC
95	multiple micronutrients	sachet	UNICEF approved	✓	✓	✓	✓	✓
96	retinol (vitamin A)	tablets/ capsules	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)	✗	✓	✓	✓	✓
97	zinc sulphate (for acute diarrhea with ORS)	tablets (dispersible)	20 mg	✓	✗	✓	✓	✓
98	vitamin K1 (phytonadione)	injection	10 mg	✗	✗	✓	✓	✓
(19)	MISCELLANEOUS MEDICINES							
99	oxygen (medicinal gas) cylinder	inhalation				✓	✓	✓
100	tranexamic acid	injection	500mg /5ml			✗	✗	✓
		capsules	250mg, 500mg			✓	✓	✓
(20)	DERMATOLOGICAL MEDICINES							
101	☐ benzyl benzoate a	lotion	5% & 25%	✓	✗	✓	✓	✓
102	calamine	lotion	15%			✓	✓	✓
103	☐ hydrocortisone	cream	1%			✓	✓	✓
104	fucidic acid	cream	2 % w/w			✗	✓	✓
105	☐ permethrin	cream, lotion	5%w/w			✗	✓	✓
106	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000IU/g + 500IU/g			✓	✓	✓
107	silver sulphadiazine a	cream	1%			✓	✓	✓
(21)	CONTRACEPTIVES							
108	condoms			✓	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU / MCH	RHC
I09	copper T / multiload	IUCD		X	✓	X	✓	✓
I10	DMPA (medroxyprogesterone acetate)	injection	150 mg/ 1ml	✓	✓	✓	✓	✓
I11	□ ethinylloestradiol + □ norethisterone	CO pills	35mcg + 1mg	✓	✓	✓	✓	✓
I12	estradiol valerate + norethisterone	injection	5 mg + 50 mg		✓	X	X	X
I13	□ levonorgestrel	PO pills	30 mcg		✓	✓	✓	✓
I14	□ levonorgestrel	EC pills	750 mcg (pack of 2)		✓	✓	✓	✓
I15	norethisterone	injection	200 mg/ml in 1ml		✓	✓	✓	✓
(22)	VACCINES & SERA (WHO Approved/ As per National EPI Program)							
I16	anti-rabies vaccine (PVRV)	single dose vial	>2.5 iu			X	X	✓
I17	anti-snake venom serum					X	X	✓
I18	BCG vaccine					✓	✓	✓
I19	hepatitis B vaccine					X	X	✓
I20	measles vaccine					✓	✓	✓
I21	pentavalent vaccine					✓	✓	✓
I22	polio vaccine (OPV trivalent) / IPV	oral/ injection				✓	✓	✓
I23	pneumococcal vaccine					X	✓	✓
I24	rotavirus vaccine					✓	✓	✓
I25	tetanus toxoid					✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU / MCH	RHC
(23) ANXIOLYTIC MEDICINES								
126	alprazolam	tablets	0.5 mg			✓	✓	✓
127	diazepam	tablets	2 mg			✗	✓	✓
(24) ANTI-SEPTICS / DISINFECTANTS								
128	chlorhexidine digluconate (7.1%) <i>(Antiseptic for Cord Care)</i>	gel	equivalent to 4 % chlorhexidine	✓	✓	✓	✓	✓
129	chlorhexidine + ceterimide	solution	1.5%w/v + 15%w/v		✗	✓	✓	✓
130	chlorine base compound	powder	(0.5% available chlorine)		✓	✓	✓	✓
		solution	0.5%		✓	✓	✓	✓
131	chloroxylenol	solution			✗	✓	✓	✓
132	methylated spirit	liquid			✗	✓	✓	✓
133	povidone-iodine	solution	10 %w/v		✓	✓	✓	✓
(25) DISPOSABLE SUPPLIES								
134	airway	disposable	pediatric / adults sizes	✗	✓	✓	✓	✓
135	absorbent cotton wool	pack	500 gm	✓	✓	✓	✓	✓
136	adhesive tape (hypoallergenic)	roll	1, 2 inch	✓	✓	✓	✓	✓
137	blood lancets	sterile packs		✗	✗	✗	✓	✓
138	cotton bandage	roll	6.5cm x 2m	✓	✓	✓	✓	✓
139	chromic catgut sterile	sterile packs	1; 2; 2/0		✗	✗	✗	✓
140	crepe bandage		7.5; 10 cm x 2.7m		✗	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU / MCH	RHC
I41	examination gloves	pairs	box of 100 (small, medium and large size) [1:2:1]		✓	✓	✓	✓
I42	face masks disposable		all types (N95, ASTM level 1-3, Utility mask)		✓	✓	✓	✓
I43	Foley's catheter		all sizes		✓	✓	✓	✓
I44	I.V sets	sterile packs	DRAP approved		✓	✓	✓	✓
I45	I.V cannula	sterile packs	18G, 20G, 22G; 24G		✓	✓	✓	✓
I46	nasogastric tube (NG)		adult / pediatric sizes		✗	✗	✓	✓
I47	polypropylene sterile sutures +needle	sterile packs	2/0, 4/0		✗	✗	✗	✓
I48	resuscitator bag with mask		adult / pediatric sizes; 0; 1		✓	✗	✓	✓
I49	scalp vein set (<i>DRAP approved</i>)	sterile packs	20G; 22G; 24G		✗	✗	✗	✓
I50	silk sutures sterile with cutting needle	12 / pack	2/0, 3/0, 4/0		✗	✗	✓	✓
I51	slides glass				✗	✗	✓	✓
I52	sterile gauze dressing	sterile packs	7.5 x 7.5 cm (10 ply)		✗	✓	✓	✓
I53	sterile surgical gloves	pairs	6½, 7, 7½; 8		✓	✓	✓	✓
I54	surgical blades (carbon steel)	sterile packs	different sizes		✗	✗	✗	✓
I55	syringe (auto disable)	sterile packs	1 cc; 3cc; 5cc; insulin		✓	✓	✓	✓
I56	urine bags		1000 ml		✗	✗	✗	✓
I57	volumetric chamber (i.v. burette)	sterile packs	100 ml size		✗	✗	✗	✓
I58	safety kit for healthcare provider				✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Primary Healthcare Facilities				
				LHW	CMW	CD	BHU / MCH	RHC
159	clean delivery kits	sterile packs	■ 1 bath soap, 50 gram wrapped ■ 1 apron ■ 2 paper towel ■ 2 pairs of latex examination gloves (m) ■ 1 plastic under sheet (about one square meter) ■ 1 under pads 60cmx90cm ■ 2 alcohol pads ■ 2 packs of sponges (4 sponge) ■ 1 sterile bulb sucker ■ 2 sterile umbilical cord clamp ■ 1 sterile surgical blade ■ 2 cotton thread (cord ties) ■ 1 maternity pad ■ 1 white poly bag for disposal ■ 1 unbleached dignity drape ■ 1 instruction sheet		✓	✗	✓	✓

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

Sr#	Items Name	Strength	Qty	CD	BHU	RHC
1	adrenaline injection	0.1mg/ml	10	✓	✓	✓
2	aminophylline injection	25mg/ml	10	✗	✗	✓
3	atropine injection	1mg/1ml	10	✗	✓	✓
4	calcium gluconate injection	100 mg/ml in 10-ml	10	✗	✓	✓
5	diazepam injection	5mg/ml	10	✓	✓	✓
6	diclofenac sodium injection	25mg/ml	10	✓	✓	✓
7	dimenhydrinate injection	50mg/ml	10	✓	✓	✓
8	furosemide injection	10mg/ml	10	✗	✓	✓
9	hydrocortisone sodium injection	100mg and 250mg	20	✓	✓	✓
10	lidocaine injection	2% W/V , 10ml	10	✓	✓	✓
11	plasma expander infusion	500ml	5	✗	✗	✓
12	sodium bicarbonate injection	8.4%W/V , 25ml	10	✗	✓	✓
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	✓	✓	✓
18	normal saline infusion	1000ml	10	✓	✓	✓
19	normal saline + dextrose infusion	5%, 1000ml	10	✓	✓	✓
20	glyceryl trinitrate sublingual	500 mcg	50	✓	✓	✓
21	isosorbide dinitrate sublingual	5 mg	10	✗	✓	✓
22	lidocaine	gel	5	✓	✓	✓
23	cotton roll BPC	500gms	5	✓	✓	✓
24	cotton bandage BPC	4,6inch	24	✓	✓	✓
25	disposable syringe (AD)	5 cc	10	✓	✓	✓
26	disposable syringe	10 cc	5	✓	✓	✓
27	disposable syringe	1 cc	5	✓	✓	✓
28	disposable syringe	20 cc	1	✓	✓	✓
29	volumetric chamber (I.V. burette)		5	✓	✓	✓
30	IV set		45	✓	✓	✓
31	IV cannula	18G, 20G, 22G, 24G	20	✓	✓	✓
32	endotracheal tube (ETT)	(3 mm, 3.5 mm, 4 mm, 7.5 mm, 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 Khyber Pakhtunkhwa

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
(1) ANAESTHETICS GENERAL							
1	halothane	inhalation		✓	✓	✓	✗
2	isoflurane	inhalation		✓	✓	✓	✓
3	ketamine (hydrochloride)	injection	50mg /ml in 10ml	✓	✓	✗	✗
4	oxygen (medicinal gas) cylinder	inhalation		✓	✓	✓	✓
5	propofol	injection	10 mg / ml in 20 ml	✓	✓	✓	✓
(2) MUSCLE RELAXANTS							
6	□ atracurium (besylate)	injection	10 mg/ml in 3ml; 5ml	✓	✓	✓	✓
7	glycopyrrolate*	injection	0.2mg /ml in 1ml (for anesthesia only)	✓	✓	✗	✗
8	glycopyrrolate + neostigmine	injection	0.5 mg + 2.5 mg	✓	✓	✗	✗
9	neostigmine (metilsulphate)	injection	2.5 mg in 1ml	✓	✓	✓	✓
10	suxamethonium (chloride)	ampoule	50 mg /ml in 2-ml	✓	✓	✓	✓
(3) ANAESTHETICS LOCAL							
11	□ bupivacaine (hydrochloride) injection for spinal anesthesia	vial	0.5%	✓	✓	✓	✗
		ampoule	7.5mg/ml in 2ml (to be mixed with 7.5% glucose solution)	✓	✓	✓	✗
12	□ lignocaine (hydrochloride)	vial/ ampoule	2%	✓	✓	✓	✓
		topical gel	2% w/w	✓	✓	✓	✓
		topical solution	4% w/v	✓	✓	✓	✓
13	lignocaine + epinephrine (adrenaline)	injection	2% + 1:200 000	✓	✓	✓	✗

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
14	lignocaine + epinephrine (adrenaline)	dental cartridge	2% + 1:80 000	✓	✓	✓	✗
15	<i>ephedrine (hydrochloride)</i>	ampoule	30 mg in 1-ml	✓	✓	✓	✗
(4) ANALGESICS OPIOID & CENTRALLY ACTING							
16	morphine (sulphate or hydrochloride)	ampoule	10 mg /1-ml	✓	✗	✗	✗
17	midazolam	injection	1 mg/ml in 5ml	✓	✓	✓	✗
18	nalbuphine	injection	10 mg	✓	✓	✓	✗
19	tramadol	injection	50 mg / ml	✓	✓	✓	✓
(5) ANALGESICS / NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIDs)							
20	acetylsalicylic acid	dispersible tablets	300 mg	✓	✓	✓	✓
21	diclofenac (sodium)	tablets	50 mg	✓	✓	✓	✓
		ampoule	75 mg in 3ml	✓	✓	✓	✓
22	ibuprofen ^a	tablets	200, 400 mg	✓	✓	✓	✓
		syrup	200 mg/5ml	✓	✓	✓	✓
23	naproxen	tablets	250, 500 mg	✓	✗	✗	✗
24	paracetamol	infusion	500 mg in 100 ml	✓	✓	✓	✗
		tablets	500 mg	✓	✓	✓	✓
		syrup	120 mg / 5ml	✓	✓	✓	✓
		suppository	100 mg	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
(6) MEDICINES TO TREAT GOUT							
25	allopurinol	tablets	100 mg; 300mg	✓	✓	✓	✗
(7) ANTIALLERGICS AND MEDICINES USED IN ANAPHYLAXIS							
26	☒ chlorpheniramine (hydrogen maleate) a	tablets	4 mg	✓	✓	✓	✓
27	cetirizine	tablets	10 mg	✓	✓	✓	✓
		syrup	5 mg / 5ml	✓	✓	✓	✓
28	dexamethasone (disodium phosphate)	injection	4 mg / ml	✓	✓	✓	✓
		tablets	0.5 mg	✓	✓	✓	✓
29	epinephrine (adrenaline)	ampoule	1 mg /ml	✓	✓	✓	✓
30	hydrocortisone (sodium succinate)	injection	100 mg; 250 mg; 500 mg	✓	✓	✓	✓
31	loratadine	tablets	10 mg	✓	✓	✓	✓
32	☒ prednisolone	syrup	1 mg/ml	✓	✓	✓	✓
		tablets	5 mg	✓	✓	✓	✗
33	phenylephrine	injection	10 mg	✓	✓	✗	✗
(8) ANTIDOTES AND OTHER SUBSTANCES USED IN POISONING							
34	atropine (sulphate) a	ampoule	1 mg in 1ml	✓	✓	✓	✓
35	charcoal activated	powder		✓	✓	✓	✓
36	methylthionium chloride (methylene blue)	ampoule	10mg/ml -in 10ml	✓	✓	✓	✓
37	naloxone (hydrochloride)	ampoule	400 mcg in 1ml	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
38	pralidoxime	injection	200 mg / 10 ml	✓	✓	✓	✗
39	flumazenil	injection	100 mcg / ml in 10 ml	✓	✓	✓	✗
(9) ANTICONVULSANT / ANTIPILEPTIC MEDICINES							
40	carbamazepine	tablets	200 mg	✓	✓	✓	✓
		syrup	100mg / 5ml	✓	✓	✓	✓
41	divalproex sodium (semisodium valproate)	tablets	250; 500 mg	✓	✓	✓	✓
42	lamotrigine*	tablets	5mg	✓	✓	✗	✗
43	magnesium sulphate (<i>For eclampsia only</i>)	injection	500mg/ml	✓	✓	✓	✓
44	phenobarbital (sodium)	tablets	30 mg	✓	✓	✓	✓
		injection	200 mg /ml	✓	✓	✓	✓
45	phenytoin (sodium)	tablets	100 mg	✓	✓	✗	✗
		syrup	30 mg/5 ml	✓	✓	✗	✗
46	topiramate	tablets	50 mg	✓	✓	✗	✗
(10) ANTIBIOTICS / ANTIMICROBIALS							
GROUP 1 – KEY ACCESS ANTIBIOTICS							
47	amoxicillin (trihydrate) (preferably dispersible tablets)	capsules / tablet	250mg, 500 mg	✓	✓	✓	✓
		powder for suspension ☺	125mg & 250mg /5ml	✓	✓	✓	✓
		injection	250 mg, 500 mg	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
48	amoxicillin + clavulanic acid	tablets	375 mg; 625 mg	✓	✓	✓	✓
		syrup	125 mg amoxicillin + 31.25 mg clavulanic acid /5 ml; 250 mg amoxicillin + 62.5 mg clavulanic acid/5 ml	✓	✓	✓	✓
		injection	1.2 Gm; 600mg	✓	✓	✓	✓
49	amikacin (sulphate)	injection	100mg; 500mg;	✓	✓	✗	✗
50	ampicillin (sodium)	capsules	250 mg , 500 mg	✓	✓	✓	✓
		powder for suspension ☺	125 mg& 250 /5ml	✓	✓	✓	✓
		injection	500 mg and 1 g	✓	✓	✓	✓
51	benzyl penicillin (sodium or potassium)	injection ☺	600 mg (= 1 million IU); 3 g (= 5 million IU) in vial	✓	✓	✗	✗
52	cephradine	capsules	250; 500mg	✓	✓	✓	✓
		powder for suspension	250 mg	✓	✓	✓	✓
		injection	500 mg 1gm	✓	✓	✓	✓
53	cloxacillin + ampicillin	capsules	250mg, 500 mg	✓	✓	✓	✓
		powder for suspension ☺	125 mg & 250 mg /5ml	✓	✓	✓	✓
54	clindamycin (hydrochloride) (phosphate)	capsules	150 mg, 300mg	✓	✓	✗	✗
		injection	150mg / ml	✓	✓	✗	✗
55	☐ cotrimoxazole (sulfamethoxazole + trimethoprim)	tablets ☺	400mg + 80 mg	✓	✓	✓	✓
		syrup ☺	200mg + 40mg/5 ml	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
56	doxycycline ^[a]	capsules ©	100 mg	✓	✓	✓	✓
57	erythromycin	tablets	250; 500mg	✓	✓	✓	✓
58	□ gentamicin (sulphate)	injection	40 mg, 80 mg	✓	✓	✗	✗
59	□ metronidazole	tablets	200 mg, 400 mg	✓	✓	✓	✓
		injection	500 mg in 100-ml	✓	✓	✓	✓
		syrup	200 mg / 5ml (benzoate)	✓	✓	✓	✓
60	nitrofurantoin	tablets	100 mg	✓	✓	✗	✗
GROUP 2 –WATCH GROUP ANTIBIOTICS							
61	□ azithromycin	capsules	250 mg, 500 mg	✓	✓	✓	✓
62	cefixime (trihydrate)	suspension	125mg / 5ml in 22.5ml	✓	✓	✓	✓
		capsules	400 mg	✓	✓	✓	✓
		suspension	100mg /5ml	✓	✓	✓	✓
63	ceftriaxone (sodium) ^[a]	powder for injection	250 mg, 500mg, 1gm	✓	✓	✓	✓
64	□ ciprofloxacin (hydrochloride)	tablets	250mg, 500 mg	✓	✓	✓	✓
65	clarithromycin* (Recommended for use in combination regimens for eradication of H. Pylori in adults)	infusion	200mg in 100ml	✓	✓	✓	✓
		tablets	500 mg	✓	✓	✓	✓
		injection	500 mg	✓	✓	✗	✗
		suspension	125 mg / 5ml	✓	✓	✓	✗

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
66	flucloxacillin [floxacillin sodium]	injection	250 mg, 500 mg	✓	✓	✗	✗
		capsules	250 mg, 500 mg	✓	✓	✗	✗
67	levofloxacin	tablets	250 mg , 500 mg	✓	✓	✓	✓
68	meropenem	injection	500mg; 1gm	✓	✓	✗	✗
69	moxifloxacin	tablets	250 mg	✓	✓	✓	✗
70	vancomycin (HCL)	injection	500 mg	✓	✓	✗	✗
GROUP 3 –RESERVE GROUP ANTIBIOTICS							
71	aztreonam	injection	1 gm	✓	✗	✗	✗
72	cefepime	injection	500mg; 1gm	✓	✗	✗	✗
73	fosfomycin	injection	2 gm	✓	✗	✗	✗
(II) ANTIHELMINTHIC MEDICINES							
74	albendazole	tablets	200 mg	✓	✓	✓	✓
		syrup	100 mg / 5ml	✓	✓	✓	✓
75	mebendazole (chewable)	tablets	500 mg (with caution only for adults)	✓	✓	✓	✓
76	niclosamide	tablets	500 mg	✓	✓	✓	✗
77	pyrantel (pamoate)	tablets	250 mg	✓	✓	✓	✓
		syrup	250 mg / 5ml	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
(12) ANTI-FUNGAL MEDICINES				A	B	C	D
78	clotrimazole	vaginal cream	1 % w/v	✓	✓	✓	✓
		vaginal tablet	100, 500 mg	✓	✓	✓	✓
		lotion	1 % w/v	✓	✓	✗	✗
79	□ fluconazole	capsules	50 mg	✓	✓	✓	✓
		injection	2 mg/ml	✓	✓	✓	✓
		syrup	50 mg/5 ml	✓	✓	✓	✓
80	nystatin	tablets	500,000 IU	✓	✓	✓	✓
		drops ☺	100,000 IU/ml	✓	✓	✓	✓
		vaginal tablet	100 000 IU	✓	✓	✓	✓
(13) ANTI-TUBERCULOSIS MEDICINES (As per TB Control Program guidelines)							
FIRST LINE MEDICINES							
81	ethambutol	tablets	100 mg; 400 mg	✓	✓	✗	✗
82	isoniazid	tablets	100 mg; 300mg	✓	✓	✗	✗
83	pyrazinamide	tablets	400 mg	✓	✓	✗	✗
84	rifampicin	capsules / syrup ☺	300 mg	✓	✓	✗	✗
85	streptomycin	injection	1 gm	✓	✓	✓	✓
86	rifampicin + isoniazid (RH)	tablets	150mg + 75mg	✓	✓	✓	✓
		tablets dispersible	75mg + 50mg	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
87	rifampicin + isoniazid + pyrazinamide (RHZ)	tablets dispersible	75mg + 50mg + 150 mg.	✓	✓	✓	✓
88	rifampicin + isoniazid + pyrazinamide + ethambutol (RHZE)	tablets	150mg+75mg+400mg+275 mg	✓	✓	✓	✓
89	rifampicin + isoniazid + ethambutol (RHE)	tablets	150 mg + 75 mg + 275 mg	✓	✓	✓	✓
SECOND LINE MEDICINES (MDR-TB) (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)							
90	amikacin	injection	100mg; 500mg	✓	✓	✓	×
91	bedaquiline	tablets	100 mg	✓	✓	✓	×
92	capreomycin	injection	1 gm	✓	✓	✓	×
93	clofazimine	capsules	50mg; 100mg	✓	✓	✓	×
94	cycloserine*	capsules	250 mg	✓	✓	✓	×
95	delamanid	tablets	50 mg	✓	✓	✓	×
96	ethionamide*	tablets	125mg; 250mg	✓	✓	✓	×
97	kanamycin (sulphate)	injection	500mg, 1gm	✓	✓	✓	×
98	levofloxacin	tablets	250mg; 500 mg	✓	✓	✓	×
99	linezolid	tablets	400mg; 600mg	✓	✓	✓	×
100	moxifloxacin	tablets	400 mg	✓	✓	✓	×
101	p-aminosalicylic acid	tablets	500 mg	✓	✓	✓	×
(14) ANTI-LEISHMANIASIS MEDICINES							
102	amphotericin B	injection	50 mg in vial	✓	×	×	×
103	miltefosine	capsules	50 mg	✓	✓	×	×

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
I04	sodium stibogluconate	injection	100 mg/ml in 30ml vial	✓	✓	✓	X
(15) ANTI-DIABETIC MEDICINES							
I05	glibenclamide	tablets	5 mg	✓	✓	✓	✓
I06	glimepiride	tablets	1mg; 2mg; 3mg	✓	✓	✓	✓
I07	insulin regular	injection	100 IU / ml	✓	✓	✓	✓
I08	insulin comp	injection	30 + 70 % w/v	✓	✓	✓	✓
I09	metformin (hydrochloride)	tablets	500 mg	✓	✓	✓	✓
I10	sitagliptin	tablets	25mg; 50mg	✓	✓	✓	✓
(16) ANTI-MALARIAL MEDICINES							
I11	artesunate (<i>management of severe malaria</i>)	ampoule	60 mg/ml in 1-ml;	✓	✓	✓	✓
I12	artemether + lumefantrine	tablets ☺	20 mg + 120 mg	✓	✓	✓	✓
I13	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 + pyrimethamine 25mg and six small tablets, each contains artesunate 50mg U.S.P.	✓	✓	✓	✓
		tablets	co blister of (6+3) tablets- three large tablets, each has sulfadoxine 500mg+ pyrimethamine 25mg - six small tablets, each contains artesunate 100mg U.S.P.	✓	✓	✓	✓
I14	chloroquine (phosphate or sulphate)	tablets	150 mg	✓	✓	✓	✓
I15	primaquine (diphosphate) (<i>For Vivax</i>)	tablets	7.5 mg; 15 mg	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
116	quinine (sulphate)	tablets	300 mg	✓	✓	✓	✓
		injection	300 mg / ml in 2ml ampoule	✓	✓	✓	✓
117	sulfadoxine + pyrimethamine <i>co-blister / combined therapy (For Falciparum)</i>	tablets	500mg + 25 mg	✓	✓	✓	✓
(17) MEDICINES ACTING ON GASTROINTESTINAL TRACT							
118	aluminium hydroxide + magnesium trisilicate	tablets	250mg +500mg	✓	✓	✓	✓
119	bisacodyl	tablets	5 mg	✓	✓	✓	✓
120	dimenhydrinate	injection	40mg	✓	✓	✓	✓
121	drotaverine	injection	40mg / 2 ml	✓	✓	✓	✓
		tablets	40 mg	✓	✓	✓	✓
122	glycerin	suppository		✓	✓	✓	✓
123	magnesium oxides and hydroxides	suspension	7.9 %w/v	✓	✓	✓	✓
		tablets	10 mg	✓	✓	✓	✓
124	metoclopramide 	syrup	5 mg / 5ml	✓	✓	✓	✓
		injection	5mg/ ml	✓	✓	✓	✓
125	omeprazole	tablets	20mg: 40mg	✓	✓	✓	✓
		injection	40mg	✓	✓	✓	✓
126	ORS (low osmolality) <i>Recommended in combination with Zinc Sulphate 20 mg dispersible tablet in case of acute diarrhea</i>	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.	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
127	phloroglucinol	tablets	phloroglucinol 80mg + trimethylphloroglucinol 80mg	✓	✓	✓	✓
		injection	phloroglucinol 40mg + trimethylphloroglucinol 0.04 mg in 4ml	✓	✓		
128	oxybutynin	tablets	3mg	✓	✓	✓	✓
129	ranitidine	injection	25 mg / ml in 2ml	✓	✓	✓	✓
130	sodium phosphate	enema	7.2g / 120ml	✓	✓	✗	✗
(18) ANTIVIRAL MEDICINES							
131	❑ acyclovir	tablets	200 mg; 400mg; 800mg	✓	✓	✓	✓
		syrup	200 mg / 5 ml	✓	✓	✓	✓
		injection	250mg; 500mg	✓	✓	✗	✗
		cream	5 % w/w	✓	✓	✓	✓
132	entecavir (for Hepatitis B)	tablets	0.5mg; 1mg	✓	✓	✓	✗
133	ganciclovir (Na)	tablets	250mg	✓	✓	✗	✗
134	ribavirin	tablets	200mg, 400mg, 600 mg	✓	✓	✓	✗
135	sofosbuvir (for Hepatitis C)	tablets	200mg / 400mg	✓	✓	✓	✗
(19) CARDIOVASCULAR MEDICINES							
136	acetylsalicylic acid	tablets (enteric coated)	75 mg	✓	✓	✓	✓
137	amlodipine (besylate)	tablets	5 mg; 10 mg	✓	✓	✓	✓
138	❑ bisoprolol	tablets	1.25 mg; 5 mg	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
139	digoxin	tablets	62.5, 250mcg	✓	✓	✓	✗
		injection	250mcg /ml in 2ml	✓	✓	✗	✗
140	dopamine (hydrochloride)	injection	40 mg/ml in 5ml vial	✓	✓	✓	✗
141	dobutamine (hydrochloride)	injection	50mg/ml in 5ml	✓	✓	✓	✗
142	☐ enalapril (maleate)	tablets	2.5mg, 5 mg	✓	✓	✓	✓
143	glyceryl trinitrate	sublingual	500 mcg	✓	✓	✓	✓
144	hydralazine (hydrochloride) (For severe PIH only)	injection	20 mg	✓	✓	✓	✓
		tablets	25mg, 50 mg	✓	✓	✓	✓
145	☐ isosorbide dinitrate	sublingual	5 mg	✓	✓	✓	✓
		tablets	5mg, 10mg, 50 mg	✓	✓	✓	✗
		infusion	10 mg/10ml	✓	✓	✗	✗
		injection	50 mg in 10ml vial	✓	✓	✗	✗
146	labetalol	tablets	50mg	✓	✓	✓	✓
147	losartan	tablets	250mg, 500 mg	✓	✓	✓	✓
148	methyldopa (for severe PIH only)	injection	250 mg	✓	✓	✓	✓
149	propranolol	tablets	10mg, 40mg,	✓	✓	✓	✓
150	streptokinase	powder for injection	1.5 million IU	✓	✓	✗	✗
151	tamsulosin	capsules	0.4mg	✓	✓	✓	✓
152	☐ rosuvastatin	tablets	10mg, 20mg,	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
153	verapamil (hydrochloride)	tablets injection	40 mg; 80 mg 2.5 mg / ml in 2 ml	✓	✓	✗	✗
(20) DIURETICS							
154	□ furosemide	tablets injection	20mg, 40 mg 10 mg	✓	✓	✓	✓
155	□ hydrochlorothiazide	tablets	12.5mg, 25 mg	✓	✓	✓	✗
156	spironolactone	tablets	100 mg	✓	✓	✓	✓
(21) MEDICINES AFFECTING COAGULATION							
157	clopidogrel	tablets	75mg	✓	✓	✓	✓
158	enoxaparin (low molecular weight heparin)	injection	20 mg; 40 mg	✓	✓	✗	✗
159	tranexamic acid	injection capsules	100 mg/ml in 5-ml 250 mg, 500 mg	✓	✓	✓	✓
160	□ warfarin (sodium)	tablets	1mg, 2 mg, 5 mg	✓	✓	✗	✗
(22) OXYTIC & ANTIOXYTIC MEDICINES							
161	□ ergometrine (hydrogen maleate)	injection	200 mcg in 1ml	✓	✓	✗	✗
162	misoprostol	tablets	200 mcg	✓	✓	✓	✓
163	oxytocin	injection	5IU; 10 IU in 1-ml	✓	✓	✓	✓
164	dinoprostone (prostaglandin E2)	vaginal tablets	3 mg	✓	✓	✗	✗
165	dinoprostone (prostaglandin F2 alpha)	injection	5 mg / ml	✓	✓	✗	✗

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
166	nifedipine	softgel capsules	10 mg	✓	✓	✓	✓
(23) MEDICINES ACTING ON RESPIRATORY TRACT							
167	aminophylline	injection	25 mg/ml in 10ml	✓	✗	✗	✗
		tablets	100 mg	✓	✓	✓	✗
168	ammonium chloride + chlorpheniramine + menthol + diphenhydramine + sodium citrate	syrup (expectorant)	131.5 mg/5ml + 22 mg/5ml + 1mg/5ml + 13.5 mg/5ml + 55 mg/5ml	✓	✓	✓	✓
169	beclomethasone	inhaler	50 mcg/actu	✓	✓	✓	✓
170	dextromethorphan + diphenhydramine	syrup (antitussive)	12.5 mg/5ml + 12.5 mg/5ml	✓	✓	✓	✓
171	montelukast	tablets	4, 5, 10 mg	✓	✓	✓	✓
		tablets	2, 4 mg	✓	✓	✓	✓
172	□ salbutamol (sulphate) / albuterol	inhaler	100 micrograms	✓	✓	✓	✓
		solution for nebulizer	5 mg /ml	✓	✓	✓	✓
(24) OPHTHALMIC MEDICINES							
173	acetazolamide	tablets	250mg	✓	✓	✓	✗
174	ciprofloxacin	eye drops	0.3 % w/v	✓	✓	✓	✗
175	dexamethasone	eye drops	0.1 w/v	✓	✓	✓	✗
176	diclofenac	eye drops	0.2 w/v	✓	✓	✗	✗
177	fluorometholone	eye drops	0.1 % w/v	✓	✓	✓	✗
178	miconazole (nitrate)	eye ointment	2 %	✓	✓	✓	✗
179	moxifloxacin + dexamethasone	ear drops	0.5 % + 0.1 % w/v	✓	✓	✓	✗

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
180	pilocarpine (hydrochloride or nitrate)	eye drops	2 %; 4 %	✓	✓	✓	✗
181	polymyxin B (sulphate)+ bacitracin zinc	eye ointment	10000 IU/g + 500 IU/g	✓	✓	✓	✓
182	prednisolone	eye drops	0.5 %; 1 % w/v	✓	✓	✓	✗
183	□ proparacaine (hydrochloride) ^a	drops	0.50 % w/v	✓	✓	✓	✗
184	sodium cromoglycate	eye drops	2 % w/v	✓	✗	✗	✗
185	tobramycin + dexamethasone	eye drops	0.3 % + 0.1 % w/v	✓	✓	✓	✗
186	□ timolol (hydrogen maleate)	eye drops	0.25 %; 0.5 %	✓	✓	✓	✗
187	tropicamide	eye drops	1 % w/v	✓	✓	✓	✗
(25) MEDICINES FOR EAR, NOSE & THROAT							
188	betahistine (HCl)	tablets	16 mg; 24 mg	✓	✓	✓	✓
189	boroglycerine <i>(only for wax removing)</i>	ear drops	40 %	✓	✓	✓	✓
190	ciprofloxacin	ear drops	0.30 %	✓	✓	✓	✓
191	ciprofloxacin + dexamethasone	ear drops	0.3 % + 0.1 % w/v	✓	✓	✓	✗
192	ephedrine	nasal drops	0.5 %	✓	✓	✓	✗
193	lignocaine	topical solution	4 %	✓	✓	✓	✗
194	moxifloxacin	ear drops	0.5 % w/v	✓	✓	✓	✗
195	polymyxin B sulphate + lignocaine	ear drops	each ml contains polymyxin B (sulphate) 10000 IU/ml, lignocaine:50mg/ml; 5ml	✓	✓	✓	✓
196	prochlorperazine	tablets	5 mg	✓	✓	✓	✗
197	saline nasal drops	nasal drops	0.9 %	✓	✓	✓	✗

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
198	tobramycin + dexamethasone	ear drops	0.3 % + 0.1 % w/v	✓	✓	✓	✗
199	☐ xylometazoline a	nasal spray	0.05 %	✓	✓	✓	✓
(26) I/V INFUSIONS / PLASMA SUBSTITUTES							
200	dextrose + saline	infusion	5 % + 0.9 % w/v; 5% +0.45%; 4.5%+0.18% (I/5th)	✓	✓	✓	✓
201	glucose / dextrose	infusion	5, 10, %	✓	✓	✓	✓
		ampoule	25 %	✓	✓	✓	✓
202	saline	infusion	0.9 %	✓	✓	✓	✓
203	mannitol	infusion	20 % w/v	✓	✓	✓	✓
204	plasma substitute	infusion	polygeline 3.5/4 % + dextran 6 % w/v,	✓	✓	✓	✓
205	potassium chloride	solution	11.2 % in 20-ml ampoule	✓	✗	✗	✗
206	☐ ringer's lactate (sodium lactate compound solution)	infusion	infusion, 1000 ml contains calcium chloride 0.2 gm U.S.P., potassium chloride 0.3 gm U.S.P., sodium chloride 6 gm U.S.P., sodium lactate 3.1 gm U.S.P., sterile water for injection 1000 ml (q.s.),	✓	✓	✓	✓
207	sodium bicarbonate	injection	7.5 % isotonic	✓	✓	✓	✓
208	water for injection	ampoule	5 ml, 10 ml	✓	✓	✓	✓
(27) VITAMINS & MINERALS							
209	ascorbic acid	tablets	100; 500 mg	✓	✓	✓	✓
210	B complex (B1, B6 and B12)	tablets	DRAP approved	✓	✓	✓	✓
211	calcium gluconate	injection	100 mg/ml in 10-ml	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
212	calcium lactate	tablets	500 mg, 1gm	✓	✓	✓	✓
213	☐ cholecalciferol (vitamin D3)	tablets / softgel capsules	1.25 mg (50 000 IU)	✓	✓	✓	
214	ferrous salt (fumarate)	tablets	equivalent to 60 mg iron	✓	✓	✓	✓
		syrup	equivalent to 25 mg/ml iron	✓	✓	✓	✓
215	Iron sucrose	injection	20mg / ml in 5ml	✓	✓	✓	✓
216	folic acid	tablets	0.5, 1mg & 5mg	✓	✓	✓	✓
217	ferrous salt + folic acid (<i>Nutritional supplement for use during pregnancy</i>)	tablets	equivalent to 60 mg iron + 400 mcg folic acid	✓	✓	✓	✓
218	hydroxocobalamin	ampoule	1 mg in 1ml	✓	✓	✗	✗
219	multiple micronutrients	sachet	UNICEF approved	✓	✓	✓	✓
220	multivitamins	tablets	DRAP approved	✓	✓	✓	✓
221	pyridoxine (vitamin B6)	tablets	50mg	✓	✓	✓	✓
222	retinol (vitamin A)	tablets/ capsules	50 000 IU; 100 000 IU; 200 000 IU (as palmitate)	✓	✓	✓	✓
223	vitamin K1 (phytonadione)	injection	10 mg	✓	✓	✓	✓
224	zinc sulphate (<i>for acute diarrhea with ORS</i>)	dispersible tablets	20 mg	✓	✓	✓	✓
(28) DERMATOLOGICAL MEDICINES							
225	☐ benzyl benzoate ^a	lotion	5 % & 25 %	✓	✓	✓	✓
226	☐ betamethasone ^a	cream / ointment	0.1 %	✓	✓	✓	✗
227	☐ calamine	lotion	15 %	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
228	coal tar	lotion	5 %	✓	✓	✗	✗
229	hydrocortisone	cream	1 %	✓	✓	✓	✓
230	micronazole (nitrate)	cream / ointment	2 %	✓	✓	✓	✗
231	permethrin	cream / lotion	5 % / 1 %	✓	✓	✓	✓
232	polymyxin B (sulphate)+ bacitracin zinc	ointment	10000 IU/g + 500 IU/g	✓	✓	✓	✓
233	polymyxin B (sulphate)+ bacitracin zinc + lidocaine	ointment	10000 IU/g + 500 IU/g + 4% w/w	✓	✓	✓	✓
234	salicylic acid + betamethasone	solution / ointment	3 %	✓	✓	✗	✗
235	silver sulphadiazine a	cream	1%	✓	✓	✓	✓
236	sodium thiosulphate	solution	15 %	✓	✓	✗	✗
(29) MEDICINES FOR MENTAL & BEHAVIORAL DISORDERS							
237	alprazolam	tablets	0.25; 0.5 mg	✓	✓	✓	✓
238	amitriptyline (hydrochloride)	tablets	25 mg	✓	✓	✗	✗
239	carbamazepine	tablets	100 mg; 200 mg	✓	✓	✓	✓
		syrup	100 mg / 5ml	✓	✓	✓	✓
240	chlorpromazine (hydrochloride)	injection	25 mg in 2ml	✓	✓	✗	✗
		tablets	100 mg	✓	✓	✗	✗
241	clomipramine (hydrochloride)	tablets	10 mg; 25 mg	✓	✓	✗	✗
242	clozapine	tablets	25 mg; 100 mg	✓	✓	✗	✗
243	diazepam	injection	10 mg	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
244	escitalopram	tablets	10 mg	✓	✓	✓	✓
245	fluoxetine (hydrochloride)  ©	tablets	20 mg	✓	✓	✓	✓
246	 fluphenazine	tablets	25 mg	✓	✓	✓	✓
		injection	25 mg	✓	✓	✓	✓
247	haloperidol	injection	5 mg / ml	✓	✓	✓	✓
		tablets	5 mg	✓	✓	✓	✓
248	olanzapine	tablets	5 mg, 7.5 mg	✓	✓	✓	✓
249	risperidone	tablets	2 mg; 4 mg	✓	✓	✓	✓
(30) CONTRACEPTIVES							
250	condoms			✓	✓	✓	✓
251	copper T / multiload	IUCD		✓	✓	✓	✓
252	DMPA (medroxyprogesterone acetate)	injection	150 mg/ 1ml	✓	✓	✓	✓
253	estradiol valerate + norethisterone	injection	5 mg + 50 mg	✓	✓	✓	✓
254	 ethinylloestradiol +  norethisterone	CO pills	35 mcg + 1mg	✓	✓	✓	✓
255	etonogestrel- releasing implant	sub dermal implant	1 rod 68 mg each (Use life: 3 years)	✓	✓	✓	✓
256	 levonorgestrel	PO pills	30 mcg	✓	✓	✓	✓
257	 levonorgestrel	EC pills	750 mcg (pack of 2)	✓	✓	✓	✓
258	levonorgestrel-releasing implant	sub dermal implant	2 rod 75mg each (Use life: 5 years)	✓	✓	✓	✓
259	norethisterone	injection	200 mg/ml in 1ml	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
(31) VACCINES & SERA (WHO approved/as per national EPI program)							
260	albumin (human)	infusion	20 % w/v 50ml; 100ml	✓	✗	✗	✗
261	anti-rabies vaccine (PVRV)	single dose vial	>2.5 IU	✓	✓	✓	✓
262	anti-snake venom serum			✓	✓	✓	✓
263	anti D immunoglobulin (human)	single dose vial	500 micrograms	✓	✓	✓	✓
264	BCG vaccine			✓	✓	✓	✓
265	diphtheria antitoxin	vial	10 000 IU; 20 000 IU	✓	✓	✓	✓
266	hepatitis B vaccine			✓	✓	✓	✓
267	measles vaccine			✓	✓	✓	✓
268	meningococcal vaccine			✓	✓	✗	✗
269	pentavalent vaccine			✓	✓	✓	✓
270	pneumococcal vaccine			✓	✓	✗	✗
271	polio vaccine (OPV trivalent) / IPV	oral/ injection		✓	✓	✓	✓
272	rabies immunoglobulin (human)	vial	150 IU/ml	✓	✓	✓	✓
273	rotavirus			✓	✓	✓	✓
274	tetanus toxoid			✓	✓	✓	✓
275	tetanus immunoglobulin (human)	injection	10000 IU; 250 IU in vial	✓	✓	✓	✓
(32) PERITONEAL DIALYSIS SOLUTIONS							
276	intra-peritoneal dialysis solution	parenteral solution	of appropriate composition	✓	✗	✗	✗

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
(33) IMMUNO-SUPPRESSIVE MEDICINES							
277	azathioprine (as sodium salt)	tablets	50 mg	✓	✓	✗	✗
		injection	100 mg in vial	✓	✗	✗	✗
278	cyclosporine A	capsule	25 mg; 50mg; 100mg	✓	✓	✗	✗
		syrup	100 mg / ml	✓	✓	✗	✗
279	mycophenolate	tablets	500mg	✓	✓	✗	✗
(34) ANTI-PARKINSONISM MEDICINES							
280	biperiden	injection	5 mg (lactate) in 1-ml	✓	✗	✗	✗
		tablets	2 mg (hydrochloride)	✓	✗	✗	✗
281	levodopa + carbidopa	tablets	100 + 10 mg; 250 + 25 mg	✓	✓	✗	✗
282	procyclidine	tablets	5 mg	✓	✓	✗	✗
(35) ANTISEPTICS / DISINFECTANTS							
283	chlorhexidine digluconate (7.1%) <i>(Antiseptic for Cord Care)</i>	gel	equivalent to 4 % chlorhexidine	✓	✓	✓	✓
		solution	5 % w/v	✓	✓	✓	✓
285	chlorine base compound	solution	(0.1% available chlorine)	✓	✓	✗	✗
		powder		✓	✓	✗	✗
286	hydrogen peroxide	solution	6 % v/v	✓	✓	✓	✓
287	povidone-iodine	solution	10 % w/v	✓	✗	✗	✗
		scrub	7.5 % w/v	✓	✓	✓	✓
		gel	10 % w/v	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
288	tetrachlorodecaoxide	solution	0.052 mg /ml	✓	✓	✓	✓
(36)	DISPOSABLE SUPPLIES						
289	absorbent cotton wool	pack	500 gm	✓	✓	✓	✓
290	adhesive tape (hypoallergenic)	roll	1, 2 inch	✓	✓	✓	✓
291	airways disposable	sterile packs	all sizes	✓	✓	✓	✓
292	blood bags (ACDPI) with transfusion sets	sterile packs		✓	✓	✓	✓
293	blood lancets	sterile packs		✓	✓	✓	✓
294	caps disposable	packs	male; female	✓	✓	✓	✓
295	chromic catgut sterile	sterile packs	0, 1, 2; 2/0, 3/0, 4/0	✓	✓	✓	✓
296	cord clamps disposable	sterile packs		✓	✓	✓	✓
297	colostomy bag set	sterile packs		✓	✓	✗	✗
298	cotton bandage	roll	6.5 cm x 2 m; 0.5 in – 6 inches	✓	✓	✓	✓
299	crepe bandage	roll	7.5, 10 cm x 2.7 m	✓	✓	✓	✓
300	CVP line	sterile packs	triple lumen	✓	✓	✗	✗
301	ECG paper	roll / pack		✓	✓	✓	✓
302	endotracheal tube (ETT)	sterile packs	set of 12 (different sizes)	✓	✓	✓	✓
303	examination gloves (latex)	pairs	box of 100 (small, medium and large size) [1:2:1]	✓	✓	✓	✓
304	eye pads	sterile packs		✓	✓	✗	✗
305	face masks disposable		all types (N95, ASTM level 1-3, Utility mask)	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
306	foley's catheter (silicon coated / silicon)	sterile packs	all sizes	✓	✓	✓	✓
307	gowns / aprons disposable	sterile packs		✓	✓	✓	✓
308	I.V sets	sterile packs		✓	✓	✓	✓
309	I.V cannula	sterile packs	18 G, 20 G, 22 G, 24 G	✓	✓	✓	✓
310	nasogastric (NG) tube	sterile packs	adult size 6; 8; 10; 12; pediatrics size 16; 18; 20	✓	✓	✓	✓
311	nasal oxygen cannula	sterile packs	neonatal; pediatric; adult	✓	✓	✗	✗
312	plaster of paris bandage	roll	10 cm, 20 cm x 6 m	✓	✓	✓	✓
313	polypropylene sterile sutures	sterile packs	0, 1/0, 2/0, 3/0, 4/0	✓	✓	✓	✓
314	polyglactin sterile sutures	sterile packs	1; 2; 2/0; 3/0; 4/0; 6/0(8mm)	✓	✓	✓	✓
315	resuscitator bag with mask		adult / pediatric sizes; 0; 1	✓	✓	✓	✓
316	scalp vein set	sterile packs	DRAP approved	✓	✓	✓	✓
317	silk sutures sterile	12 / pack	0, 1, 2/0, 3/0, 4/0; 8/0; 10/0	✓	✓	✓	✓
318	silk sutures sterile (on straight needle)	12 / pack	0	✓	✓	✗	✗
319	slides glass	sterile packs		✓	✓	✓	✓
320	spinal needle	sterile packs	22g; 25G	✓	✓	✓	✓
321	sterile gauze dressing	sterile packs	7.5 x 7.5 cm (10 ply)	✓	✓	✓	✓
322	sterile surgical gloves	pairs	7, 7½, 8	✓	✓	✓	✓
323	suction catheter	sterile packs	different sizes	✓	✓	✓	✓
324	surgical blades (carbon steel)	sterile packs	different sizes	✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
325	syringe (auto disable)	sterile packs	1 cc, 5cc	✓	✓	✓	✓
326	syringe disposable	sterile packs	5; 10; 20; 50; 60 cc - (catheter tip)	✓	✓	✓	✓
327	urine bags	sterile packs	2L; Pediatric	✓	✓	✓	✓
328	volumetric chamber (I.V burette)	sterile packs	100 ml size	✓	✓	✓	✓
329	safety kit for staff			✓	✓	✓	✓
330	clean delivery kits	sterile packs	1 bath soap, 50 gram wrapped 1 apron 2 paper towel 2 pairs of latex examination gloves (m) 1 plastic under sheet (about one square meter) 1 under pads 60cmx90cm 2 alcohol pads 2 packs of sponges (4 sponge) 1 sterile bulb sucker 2 sterile umbilical cord clamp 1 sterile surgical blade 2 cotton thread (cord ties) 1 maternity pad 1 white poly bag for disposal 1 unbleached dignity drape 1 instruction sheet	✓	✓	✓	✓
(37) DIAGNOSTIC KITS							
331	blood sugar test strips			✓	✓	✓	✓
332	purified precipitated protein (PPD)		for diagnosis of childhood TB	✓	✓	✓	✓
333	urine test strips			✓	✓	✓	✓

Sr. #	Generic Drug Name	Form	Strength	Category			
				A	B	C	D
(38) RADIOLOGY MATERIALS & RADIO CONTRAST MEDIA							
334	amidotrizoate	Injection	140 to 420 mg iodine /ml in 20 ml	✓	✓	✓	✓
335	barium sulphate	aqueous suspension		✓	✓	✓	✓
336	contrast media for radiography (CT; MRI)	injection		✓	✓	✗	✗
337	film developer	solution / powder	bulk packing	✓	✓	✓	✓
338	film fixer	solution / powder	bulk packing	✓	✓	✓	✓
339	iohexol	injection	140 mg to 350 mg iodine/ml in 5-ml; 10 ml; 20-ml ampoules.	✓	✓	✓	✓
340	meglumine iodine	solution	76% w/v 370 mg/ml	✓	✓	✓	✗
341	ultrasound gel	tubes		✓	✓	✓	✓
342	ultrasound print paper	roll	110 mm x 20 m	✓	✓	✓	✓
343	X-Ray films	packs	different sizes: 10 x 12; 12 x 15; 8 x 10	✓	✓	✓	✓
(39) DENTAL MATERIALS							
344	dental needles disposable	sterile packs	different sizes	✓	✓	✗	✗
345	dental X-Ray films	packs	3 x 4 cm	✓	✓	✗	✗
346	glass ionomer cement for filling	packs	powder + liquid + spoon + mixing pad	✓	✓	✗	✗
347	hybrid composite kit	packs	syringes + bond + etching + shade guide	✓	✓	✗	✗
348	pouches for autoclave disposable	packs	small, medium, large	✓	✓	✗	✗
349	other disposable dental materials			✓	✓	✗	✗



USAID
FROM THE AMERICAN PEOPLE

USAID Global Health Supply Chain Program
Procurement and Supply Management



**World Health
Organization**