



Primary & Secondary
Healthcare Department

No. PSHD-TCO-I (M) 6-14/2017
Government of the Punjab
Dated Lahore the 16th December, 2017

To,

1. The Director General Health Services, Punjab, 24-Cooper Road, Lahore
2. All Chief Executive Officers (District Health Authorities) in the Punjab
3. All Medical Superintendents of District Headquarter & Tehsil Headquarter Hospitals working under the administrative control of P&SHD
4. All In-charges of Rural Health Centers in Punjab.

Subject: **POLICY AND OPERATIONAL GUIDELINES FOR LOCAL PURCHASE OF MEDICINES (DAY TO DAY).**

Please refer to unified Health Department's letter No. SO (P-I) H/3-64/2008 dated 12.09.2013 on the subject noted above.

2. The following policy and operational guidelines for local purchase of medicines (Day to Day) is hereby re-notified for your guidance and strict compliance:

- i. Local Purchase in Government Hospitals is allowed to ensure fulfillment of immediate need of medical treatment that is otherwise not possible from medicines and surgical disposables available with hospital. Local Purchase is permitted for emergencies and indoor patients department on the prescription of authorized medical practitioner. Currently, 15% of the total budget of medicine is earmarked in hospitals for local purchase system. Detail is at **Flag-A**.
- ii. Local purchase costs government higher price in comparison to bulk purchases. Therefore, the aim is to reduce the incidences of local purchase by identifying commonly and frequently purchased items and including them into the list of bulk purchase mandate. The non-availability of prescribed medicines or its alternates within the hospital generates justification of local purchase, therefore, the policy requires hospitals to establish non-availability of prescribed medicine through an authorized Pharmacist/ Consultant/ Medical Superintendents on case to case basis to avoid duplication of expenditure of available resources.
- iii. The complete consolidated record including medicine name and its quantities purchased during (previous) financial year would be recorded and made available to bidders as "Reference Trend List" so that they may estimate the frequency of purchases of the hospital. This trend list will be used by bidders as basis to estimate magnitude of local purchases for offering maximum discounts in tenders.

iv. In order to ensure transparency, a local online purchase portal has been designed with following features and requirements:

- a) Total Allocated Budget for Medicines for Local Purchase-Budget Consumed and Budget remaining.
- b) A password and login will be issued to Incharge Pharmacist/ Medical Superintendent/ Consultant for data Entry in Local Purchase portal and locally purchased items will be posted in portal on daily basis.
- c) Purchase order may be emailed to the L.P supplier through L.P portal. Contractor will submit invoice/bill with supply on daily basis.
- d) Supply will be received through Incharge Hospital Pharmacist/ Medical Superintendent/ Consultant with same brand that was mentioned in the purchase order with batch and expiry which will be mentioned in GRN (Goods Receipt Note).
- e) The maximum limit of Local Purchase per day will be One Million, however, the software is capable of allowing further purchase subject to generating alert for admn and reasons to be recorded in writing.
- f) Local purchase may be of two types (i) Bulk Local purchase (ii) specific Patient Local purchase that will be dispensed through system.
- g) Profile of vendor should be filled/ uploaded on Local Purchase online system (Local Purchase Portal) with Drug Sales License. The contractor will be bound to provide the source of his purchase as and when required.

v. It is established policy of the government to enter into local purchase contracts through open competitive tendering. The policy emphasis hospitals to use the purchase committee in local purchase tenders, its scrutiny, sanctioning, placement of order, receiving, defacing and issuance of medicines, record keeping and payment process. The Medical Superintendent of hospital shall be responsible for having all these arrangements in place.

vi. Contract may be signed with pharmacy license holder on form No. 9 through tender advertisement and as per Punjab Procurement Rules 2014. Local Purchase Contractor shall supply all the medicines as per Drugs act 1976/ DRAP Act, 2012 and rules framed thereunder.

vii. Discount will be calculated on Maximum Retail Price fixed by the Drug Regulatory Authority of Pakistan (DRAP).

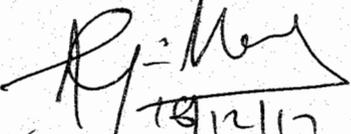
viii. The Tender should be awarded to the contractor as per Punjab Procurement Rules, 2014 offering maximum discount on following categories:

- i. For Multinational manufacturers. (Medicines)
- ii. For Local Manufacturers. (Medicines)

iii. For Surgical/Disposable items.

- ix. A formulary has been designed by the Drugs Control Wing of Primary & Secondary Healthcare Department with all details of approved brands mentioned against each generic. **(Flag-B)** The rationale for including these brands is the trusted quality through repeated analysis by the Drugs Testing Laboratories of Punjab. In case any health facility prefers to procure medicine of brands other than mentioned in formulary as attached at Flag-B, the Medical Superintendent/ Incharge of such health facility shall ensure that the medicine brand supplied for the first time (after this notification) are sent to respective Drugs Testing laboratory. The drugs samples, so sent, shall comply with all SOPs and requirements of testing as notified from time to time and shall be in appropriate quantity as well as in four distinct portions. Moreover, any payment in respect of these items (outside formulary) shall be made after clearance of Drugs sample from Drugs Testing Laboratories.
- x. Maximum effort should be put in to procure the brand prescribed in the formulary against each generic.
- xi. It must be ensured that same brand should be received in stock or receiving whose invoice/bill is submitted.
- xii. (Generics) Item Code will be allocated to Central Drug Formulary that will start From Sr. No 1 and up to 400 for generics of drugs on Local Purchase Portal. Drugs/items other than central drugs formulary will be issued from coding that starts from sr.No.401 to onwards. For Brands of same generic the coding will be as: i.e. Generic item code is 1(For 1-5 different brands against that generic the coding may be as (1-1,1-2,1-3,1-4,1-5....)).
- xiii. Local purchase may be within prescribed limit of 15% of the total budget of medicines.
- xiv. Repeated items that are being purchased through L.P may be identified and communicated to Procurement Cell for procurement through bulk purchase.
- xv. For items being repeatedly purchased locally may be procure through Rule No. 59-B of Punjab Procurement Rules, 2014.
- xvi. A Focal Person/Pharmacist will be designated by the M.S of each hospital for communication with Procurement Cell, P&SHD & Contractor.
- xvii. A monthly meeting may be conducted at department's level where analysis of monthly Local Purchase of each Health Facility will be discussed with Medical Superintendent and Incharge Pharmacist of each Health Facility. Two officers (M.S & Incharge Pharmacist) from DHQ and two officers from THQ will be selected on monthly basis for managing Local Purchase in best way and will be awarded with appreciation letters/certificates.

- xviii. Local purchase will be initiated with the orders of Consultants/Senior Medical Officers only via prescription that will be maintained as record of Local Purchase and it will not be for more than 7 days for one patient.
- xix. In case of non-supply of any item within stipulated time period as per contract, risk purchase may be done from any other reputable pharmacy and difference shall be deducted from the performance guarantee of contractor.
- xx. A monthly report will be prepared by Incharge Pharmacist and will be discussed in Pharmacy & Therapeutic Committee and the minutes will be communicated to Procurement Cell on each month up to 5th of every month with improvement and corrective measure by the members of P&TC.
- xxi. Disasters and emergencies have different set of rules and SOPs and these can be handled as per provision of emergency as defined under Punjab Procurement Rules, 2014.


16/12/17
(ALI JAN KHAN)
SECRETARY

PRIMARY & SECONDARY HEALTHCARE DEPARTMENT

NO. & DATE EVEN.

A copy is forwarded for information and necessary action to:

1. The Chief Executive Officer Punjab Health Facilities Management Company, Lahore.
2. Project Director, Procurement Cell, P&SH Department.
3. Project Director, HISDU, P&SH Department. with the request to e-mail this copy to all Chief Executive Officers, District Health Authorities Punjab, Medical Superintendents of DHQs & THQs Hospitals and In-charges of Rural Health Centers working under the administrative control of Primary and Secondary Healthcare Department.
4. P.S.O to Secretary, SHC&ME Department.
5. P.S.O to Secretary, P&SH Department.
6. P.A. to Special Secretary, P&SH Department
7. P.A to Additional Secretary (Admn.), P&SH Department.
8. P.A to Additional Secretary (Technical), P&SH Department.
9. P.A to Additional Secretary (Drugs Control), P&SH Department.
10. P.A. to Additional Secretary (Vertical Programs), P&SH Department


PROCUREMENT SPECIALIST (MEDICINES)
PRIMARY & SECONDARY HEALTHCARE DEPARTMENT

16/12/17

PLAN FOR THE DISTRIBUTION OF MEDICINE BUDGET FOR THE YEAR 2017 - 18

SR.NO	NAME OF DISTRICT	NAME OF HEALTH FACILITY	TOTAL MEDICINE BUDGET	BULK PURCHASE MEDICINE (75%)	LOCAL PURCHASE (15%)	NATURAL CALAMITIES (10%)
1	ATTOCK	O/O CEO HEALTH ATTOCK	56,060,868	42,045,651	8,409,130	5,606,087
2	BAHAWALNAGAR	O/O CEO HEALTH BAHAWALNAGAR	123,031,880	92,273,910	18,454,782	12,303,188
3	BAHAWALPUR	O/O CEO HEALTH BAHAWALPUR	100,915,359	75,686,519	15,137,304	10,091,536
4	BHAKKAR	O/O CEO HEALTH BHAKKAR	60,663,186	45,497,390	9,099,478	6,066,319
5	CHAKWAL	O/O CEO HEALTH CHAKWAL	30,594,201	22,945,651	4,589,130	3,059,420
6	CHINIOT	O/O CEO HEALTH CHINIOT	39,251,013	29,438,260	5,887,652	3,925,101
7	DERA GHAZI KHAN	O/O CEO HEALTH DERA GHAZI KHAN	50,668,984	38,001,738	7,600,348	5,066,898
8	FAISALABAD	O/O CEO HEALTH FAISALABAD	124,504,344	93,378,258	18,675,652	12,450,434
9	GUJRANWALA	O/O CEO HEALTH GUJRANWALA	130,010,232	97,507,674	19,501,535	13,001,023
10	GUJRAT	O/O CEO HEALTH GUJRAT	75,203,331	56,402,498	11,280,500	7,520,333
11	HAFIZABAD	O/O CEO HEALTH HAFIZABAD	30,509,270	22,881,953	4,576,391	3,050,927
12	JHANG	O/O CEO HEALTH JHANG	134,480,576	100,860,432	20,172,086	13,448,058
13	JHELUM	O/O CEO HEALTH JHELUM	61,466,085	46,099,564	9,219,913	6,146,609
14	KASUR	O/O CEO HEALTH KASUR	40,735,071	30,551,303	6,110,261	4,073,507
15	KHANEWAL	O/O CEO HEALTH KHANEWAL	73,942,316	55,456,737	11,091,347	7,394,232
16	KHUSHAB	O/O CEO HEALTH KHUSHAB	43,423,187	32,567,390	6,513,478	4,342,319
17	LAHORE	O/O CEO HEALTH LAHORE	52,315,129	39,236,347	7,847,269	5,231,513
18	LAYYAH	O/O CEO HEALTH LAYYAH	41,207,535	30,905,651	6,181,130	4,120,754
19	LODHRAN	O/O CEO HEALTH LODHRAN	38,254,491	28,690,868	5,738,174	3,825,449
20	MANDI BAHAUDDIN	O/O CEO HEALTH MANDI BAHAUDDIN	46,666,085	34,999,564	6,999,913	4,666,609
21	MIANWALI	O/O CEO HEALTH MIANWALI	35,443,477	26,582,608	5,316,522	3,544,348
22	MULTAN	O/O CEO HEALTH MULTAN	84,274,200	63,205,650	12,641,130	8,427,420
23	MUZAFFARGARH	O/O CEO HEALTH MUZAFFARGARH	103,030,722	77,273,042	15,454,608	10,303,072
24	NANKANA SAHIB	O/O CEO HEALTH NANKANA SAHIB	64,820,867	48,615,650	9,723,130	6,482,087
25	NAROWAL	O/O CEO HEALTH NAROWAL	73,027,824	54,770,868	10,954,174	7,302,782
26	OKARA	O/O CEO HEALTH OKARA	85,617,389	64,213,042	12,842,608	8,561,739
27	PAKPATTAN	O/O CEO HEALTH PAKPATTAN	24,834,781	18,626,086	3,725,217	2,483,478
28	RAHIM YAR KHAN	O/O CEO HEALTH RAHIM YAR KHAN	125,574,529	94,180,897	18,836,179	12,557,453
29	RAJANPUR	O/O CEO HEALTH RAJANPUR	50,733,564	38,050,173	7,610,035	5,073,356
30	RAWALPINDI	O/O CEO HEALTH RAWALPINDI	53,425,111	40,068,833	8,013,767	5,342,511
31	SAHIWAL	O/O CEO HEALTH SAHIWAL	75,709,099	56,781,824	11,356,365	7,570,910
32	SARGODHA	O/O CEO HEALTH SARGODHA	126,493,184	94,869,888	18,973,978	12,649,318
33	SHEIKHUPURA	O/O CEO HEALTH SHEIKHUPURA	106,285,411	79,714,058	15,942,812	10,628,541
34	SIALKOT	O/O CEO HEALTH SIALKOT	65,100,288	48,825,216	9,765,043	6,510,029
35	TOBA TEK SINGH	O/O CEO HEALTH TOBA TEK SINGH	53,379,708	40,034,781	8,006,956	5,337,971
36	VEHARI	O/O CEO HEALTH VEHARI	73,812,682	55,359,512	11,071,902	7,381,268
		Total	2,555,465,979	1,916,599,484	383,319,897	255,546,598

PLAN FOR THE DISTRIBUTION OF MEDICINE BUDGET FOR THE YEAR 2017 - 18

SR.NO	NAME OF DISTRICT	NAME OF HEALTH FACILITY	TOTAL MEDICINE BUDGET	BULK PURCHASE MEDICINE (75%)	LOCAL PURCHASE (15%)	NATURAL CALAMITIES (10%)
1	ATTOCK	DHQ HOSPITAL ATTOCK	80,477,681	60,358,261	12,071,652	8,047,768
2	BAHAWALNAGAR	DHQ HOSPITAL BAHAWALNAGAR	133,518,837	100,139,128	20,027,826	13,351,884
3	BHAKKAR	DHQ HOSPITAL BHAKKAR	136,834,779	102,626,084	20,525,217	13,683,478
4	CHAKWAL	DHQ HOSPITAL CHAKWAL	97,553,620	73,165,215	14,633,043	9,755,362
5	CHINIOT	DHQ HOSPITAL CHINIOT	82,649,273	61,986,955	12,397,391	8,264,927
6	HAFIZABAD	DHQ HOSPITAL HAFIZABAD	85,591,881	64,193,911	12,838,782	8,559,188
7	JHANG	DHQ HOSPITAL JHANG	155,601,200	116,700,900	23,340,180	15,560,120
8	JHELUM	DHQ HOSPITAL JHELUM	123,489,851	92,617,388	18,523,478	12,348,985
9	KASUR	DHQ HOSPITAL KASUR	204,452,168	153,339,126	30,667,825	20,445,217
10	KHANEWAL	DHQ HOSPITAL KHANEWAL	94,643,475	70,982,606	14,196,521	9,464,348
11	KHUSHAB	DHQ HOSPITAL KHUSHAB	75,362,316	56,521,737	11,304,347	7,536,232
12	LAYYAH	DHQ HOSPITAL LAYYAH	79,594,200	59,695,650	11,939,130	7,959,420
13	LODHRAN	DHQ HOSPITAL LODHRAN	63,768,114	47,826,086	9,565,217	6,376,811
14	MANDI BAHAUDDIN	DHQ HOSPITAL MANDI BAHAUDDIN	92,939,128	69,704,346	13,940,869	9,293,913
15	MIANWALI	DHQ HOSPITAL MIANWALI	123,710,141	92,782,606	18,556,521	12,371,014
16	MULTAN	DHQ HOSPITAL MULTAN	19,309,680	14,482,260	2,896,452	1,930,968
17	MUZAFFARGARH	DHQ HOSPITAL MUZAFFARGARH	144,548,692	108,411,519	21,682,304	14,454,869
18	NANKANA SAHIB	DHQ HOSPITAL NANKANA SAHIB	76,500,432	57,375,324	11,475,065	7,650,043
19	NAROWAL	DHQ HOSPITAL NAROWAL	160,255,068	120,191,301	24,038,260	16,025,507
20	OKARA	DHQ HOSPITAL OKARA	135,049,271	101,286,953	20,257,391	13,504,927
21	OKARA	DHQ HOSPITAL OKARA SOUTH CITY	72,463,766	54,347,825	10,869,565	7,246,377
22	PAKPATTAN	DHQ HOSPITAL PAKPATTAN	92,805,794	69,604,346	13,920,869	9,280,579
23	RAJANPUR	DHQ HOSPITAL RAJANPUR	80,450,722	60,338,042	12,067,608	8,045,072
24	SHEIKHUPURA	DHQ HOSPITAL SHEIKHUPURA	200,083,485	150,062,614	30,012,523	20,008,349
25	TOBA TEK SINGH	DHQ HOSPITAL TOBA TEK SINGH	86,798,838	65,099,129	13,019,826	8,679,884
26	VEHARI	DHQ HOSPITAL VEHARI	123,130,431	92,347,823	18,469,565	12,313,043
		Total	2,821,582,843	2,116,187,132	423,237,426	282,158,284

PLAN FOR THE DISTRIBUTION OF MEDICINE BUDGET FOR THE YEAR 2017 - 18

SR.NO	NAME OF DISTRICT	NAME OF HEALTH FACILITY	TOTAL MEDICINE BUDGET	BULK PURCHASE MEDICINE (75%)	LOCAL PURCHASE (15%)	NATURAL CALAMITIES (10%)
1	JHANG	THQ HOSPITAL 18 HAZARI	9,057,970	6,793,478	1,358,696	905,797
2	BAHAWALPUR	THQ HOSPITAL AHMAD PUR EAST	23,443,477	17,582,608	3,516,522	2,344,348
3	JHANG	THQ HOSPITAL AHMAD PUR SIAL	19,987,535	14,990,651	2,998,130	1,998,754
4	MUZAFFARGARH	THQ HOSPITAL ALIPUR	35,118,839	26,339,129	5,267,826	3,511,884
5	PAKPATTAN	THQ HOSPITAL ARIFWALA	43,814,491	32,860,868	6,572,174	4,381,449
6	SARGODHA	THQ HOSPITAL BHAGTANWALA	10,724,637	8,043,478	1,608,696	1,072,464
7	SARGODHA	THQ HOSPITAL BHALWAL	18,585,506	13,939,130	2,787,826	1,858,551
8	SARGODHA	THQ HOSPITAL BHERA	16,829,579	12,622,184	2,524,437	1,682,958
9	CHINIOT	THQ HOSPITAL BHOWANA	17,939,245	13,454,434	2,690,887	1,793,925
10	VEHARI	THQ HOSPITAL BUREWALA	54,697,273	41,022,955	8,204,591	5,469,727
11	FAISALABAD	THQ HOSPITAL CHAK JHUMRA	46,399,998	34,799,999	6,960,000	4,640,000
12	SAHIWAL	THQ HOSPITAL CHICHAWATNI	56,950,723	42,713,042	8,542,608	5,695,072
13	BAHAWALNAGAR	THQ HOSPITAL CHISTIAN	19,974,492	14,980,869	2,996,174	1,997,449
14	CHAKWAL	THQ HOSPITAL CHOA SAIDEN SHAH	14,355,477	10,766,608	2,153,322	1,435,548
15	LAYYAH	THQ HOSPITAL CHOUBARA	10,666,666	8,000,000	1,600,000	1,066,667
16	KASUR	THQ HOSPITAL CHUNIAN	30,028,984	22,521,738	4,504,348	3,002,898
17	BHAKKAR	THQ HOSPITAL DARYA KHAN	21,270,724	15,953,043	3,190,609	2,127,072
18	SIALKOT	THQ HOSPITAL DASKA	70,904,809	53,178,607	10,635,721	7,090,481
19	OKARA	THQ HOSPITAL DEPALPUR	27,039,012	20,279,259	4,055,852	2,703,901
20	LODHRAN	THQ HOSPITAL DUNIAPUR	18,459,825	13,844,869	2,768,974	1,845,983
21	MIANWALI	THQ HOSPITAL ESA KHEL	14,860,753	11,145,565	2,229,113	1,486,075
22	FAISALABAD	THQ HOSPITAL FAISALABAD CITY	86,736,229	65,052,172	13,010,434	8,673,623
23	ATTOCK	THQ HOSPITAL FATEH JANG	13,981,564	10,486,173	2,097,235	1,398,156
24	LAYYAH	THQ HOSPITAL FATEHPUR	13,333,333	10,000,000	2,000,000	1,333,333
25	MULTAN	THQ HOSPITAL FATIMA JINNAH	17,020,289	12,765,217	2,553,043	1,702,029
26	SHEIKHUPURA	THQ HOSPITAL FEROWWALA	30,262,260	22,696,695	4,539,339	3,026,226
27	BAHAWALNAGAR	THQ HOSPITAL FORT ABBAS	20,583,419	15,437,564	3,087,513	2,058,342
28	TOBA TEK SINGH	THQ HOSPITAL GOJRA	42,792,114	32,094,086	6,418,817	4,279,211
29	RAWALPINDI	THQ HOSPITAL GUJJAR KHAN	20,185,506	15,139,130	3,027,826	2,018,551
30	BAHAWALNAGAR	THQ HOSPITAL HAROON ABAD	22,057,970	16,543,478	3,308,696	2,205,797
31	BAHAWALPUR	THQ HOSPITAL HASILPUR	28,981,796	21,736,347	4,347,269	2,898,180
32	ATTOCK	THQ HOSPITAL HASSANABDAL	12,302,840	9,227,130	1,845,426	1,230,284
33	OKARA	THQ HOSPITAL HAVELI LAKHA	14,676,637	11,007,478	2,201,496	1,467,664
34	ATTOCK	THQ HOSPITAL HAZRO	20,428,984	15,321,738	3,064,348	2,042,898
35	KHANEWAL	THQ HOSPITAL JAHANIAN	21,431,883	16,073,912	3,214,782	2,143,188
36	MULTAN	THQ HOSPITAL JALALPUR PIRWALA	16,301,448	12,226,086	2,445,217	1,630,145
37	RAJANPUR	THQ HOSPITAL JAMPUR	17,333,332	12,999,999	2,600,000	1,733,333
38	ATTOCK	THQ HOSPITAL JAND	13,419,999	10,064,999	2,013,000	1,342,000
39	FAISALABAD	THQ HOSPITAL JARANWALA	93,878,258	70,408,694	14,081,739	9,387,826
40	MUZAFFARGARH	THQ HOSPITAL JATOI	23,455,071	17,591,303	3,518,261	2,345,507
41	KHANEWAL	THQ HOSPITAL KABIRWALA	19,244,753	14,433,565	2,886,713	1,924,475
42	RAWALPINDI	THQ HOSPITAL KAHUTA	17,721,738	13,291,304	2,658,261	1,772,174
43	MIANWALI	THQ HOSPITAL KALA BAGH	15,896,347	11,922,260	2,384,452	1,589,635
44	RAWALPINDI	THQ HOSPITAL KALLAR SYEDAN	13,295,535	9,971,651	1,994,330	1,329,554
45	BHAKKAR	THQ HOSPITAL KALLURKOT	16,348,057	12,261,043	2,452,209	1,634,806
46	TOBA TEK SINGH	THQ HOSPITAL KAMALIA	27,176,810	20,382,608	4,076,522	2,717,681
47	GUJRAWALA	THQ HOSPITAL KAMOKE	35,802,897	26,852,173	5,370,435	3,580,290
48	LAYYAH	THQ HOSPITAL KAROR LAL ESON	13,333,333	10,000,000	2,000,000	1,333,333
49	LODHRAN	THQ HOSPITAL KAROR PACCA	21,122,782	15,842,087	3,168,417	2,112,278
50	KASUR	THQ HOSPITAL KASUR	15,849,274	11,886,956	2,377,391	1,584,927
51	BAHAWALPUR	THQ HOSPITAL KHAIRPUR TAMEWALI	17,783,419	13,337,564	2,667,513	1,778,342
52	RAHIM YAR KHAN	THQ HOSPITAL KHANPUR	24,081,158	18,060,869	3,612,174	2,408,116
53	GUJRAT	THQ HOSPITAL KHARIAN	18,182,028	13,636,521	2,727,304	1,818,203
54	KHUSHAB	THQ HOSPITAL KHUSHAB	27,118,839	20,339,129	4,067,826	2,711,884

55	MUZAFFARGARH	THQ HOSPITAL KOT ADDU	33,356,817	25,017,613	5,003,523	3,335,682
56	SARGODHA	THQ HOSPITAL KOT MOMIN	12,502,724	9,377,043	1,875,409	1,250,272
57	LAYYAH	THQ HOSPITAL KOT SULTAN	10,666,666	8,000,000	1,600,000	1,066,667
58	RAWALPINDI	THQ HOSPITAL KOTLI SATTIAN	12,921,622	9,691,217	1,938,243	1,292,162
59	GUJRAT	THQ HOSPITAL KUNJAH	15,710,144	11,782,608	2,356,522	1,571,014
60	LAHORE	THQ HOSPITAL LAHORE CANTT	11,538,666	8,654,000	1,730,800	1,153,867
61	CHINIOT	THQ HOSPITAL LALIAN	14,502,144	10,876,608	2,175,322	1,450,214
62	LAYYAH	THQ HOSPITAL LAYYAH	14,435,014	10,826,261	2,165,252	1,443,501
63	RAHIM YAR KHAN	THQ HOSPITAL LIAQATPUR	17,940,405	13,455,304	2,691,061	1,794,041
64	VEHARI	THQ HOSPITAL MAILSI	36,722,086	27,541,565	5,508,313	3,672,209
65	BHAKKAR	THQ HOSPITAL MANKERA	16,008,115	12,006,086	2,401,217	1,600,812
66	KHANEWAL	THQ HOSPITAL MIAN CHANNU	19,889,854	14,917,391	2,983,478	1,988,985
67	BAHAWALNAGAR	THQ HOSPITAL MINCHAN ABAD	21,122,782	15,842,087	3,168,417	2,112,278
68	MULTAN	THQ HOSPITAL MULTAN CITY	24,558,376	18,418,782	3,683,756	2,455,838
69	SHEIKHUPURA	THQ HOSPITAL MURIDKEY	52,620,578	39,465,434	7,893,087	5,262,058
70	RAWALPINDI	THQ HOSPITAL MURREE	19,107,245	14,330,434	2,866,087	1,910,725
71	KHUSHAB	THQ HOSPITAL NOORPUR THAL	11,730,318	8,797,739	1,759,548	1,173,032
72	KHUSHAB	THQ HOSPITAL NOUSHERA	12,729,159	9,546,869	1,909,374	1,272,916
73	GUJRANWALA	THQ HOSPITAL NOWSHERA VIRKAN	29,599,999	22,199,999	4,440,000	2,960,000
74	SIALKOT	THQ HOSPITAL PASRUR	32,428,984	24,321,738	4,864,348	3,242,898
75	KASUR	THQ HOSPITAL PATTOKI	31,130,434	23,347,826	4,669,565	3,113,043
76	MANDI BHAUDDIN	THQ HOSPITAL PHALIA	28,339,013	21,254,260	4,250,852	2,833,901
77	JHELUM	THQ HOSPITAL PIND DADAN KHAN	17,348,637	13,011,478	2,602,296	1,734,864
78	HAFIZABAD	THQ HOSPITAL PINDI BHATTIAN	20,602,898	15,452,174	3,090,435	2,060,290
79	ATTOCK	THQ HOSPITAL PINDIGHEB	18,470,028	13,852,521	2,770,504	1,847,003
80	MIANWALI	THQ HOSPITAL PIPLAN	13,408,463	10,056,347	2,011,269	1,340,846
81	KHUSHAB	THQ HOSPITAL QUAIDABAD	14,035,999	10,526,999	2,105,400	1,403,600
82	LAHORE	THQ HOSPITAL RAIWIND	23,188,405	17,391,304	3,478,261	2,318,841
83	RAJANPUR	THQ HOSPITAL ROHJAN	17,333,332	12,999,999	2,600,000	1,733,333
84	RAHIM YAR KHAN	THQ HOSPITAL SADIQABAD	22,857,970	17,143,478	3,428,696	2,285,797
85	SHEIKHUPURA	THQ HOSPITAL SAFDARABAD	23,601,622	17,701,217	3,540,243	2,360,162
86	SARGODHA	THQ HOSPITAL SAHIWAL	16,137,970	12,103,478	2,420,696	1,613,797
87	SIALKOT	THQ HOSPITAL SAMBRIAL	24,823,187	18,617,390	3,723,478	2,482,319
88	FAISALABAD	THQ HOSPITAL SAMUNDRI	52,231,882	39,173,912	7,834,782	5,223,188
89	NANKANA SAHIB	THQ HOSPITAL SANGLA HILL	21,681,158	16,260,869	3,252,174	2,168,116
90	GUJRAT	THQ HOSPITAL SARA E ALAMGIR	8,405,796	6,304,347	1,260,869	840,580
91	SARGODHA	THQ HOSPITAL SARGODHA	12,224,927	9,168,695	1,833,739	1,222,493
92	NANKANA SAHIB	THQ HOSPITAL SHAHKOT	22,473,912	16,855,434	3,371,087	2,247,391
93	SARGODHA	THQ HOSPITAL SHAHPUR	13,094,492	9,820,869	1,964,174	1,309,449
94	NAROWAL	THQ HOSPITAL SHAKKAR GARH	36,684,057	27,513,043	5,502,609	3,668,406
95	SHEIKHUPURA	THQ HOSPITAL SHARAQPUR	24,046,376	18,034,782	3,606,956	2,404,638
96	JHANG	THQ HOSPITAL SHORKOT	22,575,744	16,931,808	3,386,362	2,257,574
97	MULTAN	THQ HOSPITAL SHUJA ABAD	27,172,868	20,379,651	4,075,930	2,717,287
98	SARGODHA	THQ HOSPITAL SILLANWALI	13,408,463	10,056,347	2,011,269	1,340,846
99	JHELUM	THQ HOSPITAL SOHAWA	18,562,318	13,921,739	2,784,348	1,856,232
100	CHAKWAL	THQ HOSPITAL TALAGANG	13,050,434	9,787,826	1,957,565	1,305,043
101	CHAKWAL	THQ HOSPITAL TALAGANG CITY	13,686,260	10,264,695	2,052,939	1,368,626
102	FAISALABAD	THQ HOSPITAL TANDLIANWALA	45,843,477	34,382,608	6,876,522	4,584,348
103	RAWALPINDI	THQ HOSPITAL TAXILA	13,390,376	10,042,782	2,008,556	1,339,038
104	DERA GHAZI KHAN	THQ HOSPITAL TOUNSA SHARIF	24,748,115	18,561,086	3,712,217	2,474,812
105	GUJRANWALA	THQ HOSPITAL WAZIRABAD	48,000,462	36,000,347	7,200,069	4,800,046
106	BAHAWALPUR	THQ HOSPITAL YAZMAN	18,819,014	14,114,261	2,822,852	1,881,901
107	CHAKWAL	THQ KALLAR KAHAR	10,666,666	8,000,000	1,600,000	1,066,667
108	GUJRAT	THQ LALA MUSA	10,666,666	8,000,000	1,600,000	1,066,667
109	MANDI BHAUDDIN	THQ MALAKWAL	10,666,666	8,000,000	1,600,000	1,066,667
110	LAYYAH	THQ NAWAZ SHARIF HOSPITAL THAL	9,623,189	7,217,392	1,443,478	962,319
111	LAHORE	THQ SAMANABD LAHORE	11,538,666	8,654,000	1,730,800	1,153,867
112	RAJANPUR	THQ SHAHWALI	10,666,666	8,000,000	1,600,000	1,066,667

113	SIALKOT	THQ SIALKOT	17,756,289	13,317,217	2,663,443	1,775,629
114	SARGODHA	TB CLINIC SARGODHA	6,666,666	5,000,000	1,000,000	666,667
		Total	2,616,284,512	1,962,213,384	392,442,677	261,628,451

PUNJAB MEDICINE FORMULARY (PMF)

1ST EDITION, 2017-18



Pharmacy & Pharmacovigilance Division (P&PVD)
Provincial Drug Control Unit (PDCU)
Primary and Secondary Healthcare Department
Government of the Punjab

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Anesthetics and Medicinal Gases	General Anesthetics	1	Isoflurane	Inhalation	100 ml bottle	Restane /Piramal Critical Care USA/Allied Distributors*, Forane /Aesica Queenborough UK/Getz*
		2	Sevoflurane	Inhalation	200 ml bottle	Sevorane /Aesica Queenborough UK/Abbott*
		3	Ketamine	Injection	50 mg/ml in 10 ml	Ketasol /Indus, Ketlar /Akhai, Ketarol /Global, Calypsol /Medimpex
		4	Propofol	Injection	10mg/ml in 20 ml	Propofol Lipuro /Bbraun Germany*, Pofol /Akhai, Propofol /Abbott, Pofol /Dongkook, Korea/Allied Distributors*, Fresofol /Medipak, Diprivan /ICI
	Local Anesthetics	1	Bupivacaine HCl	Vial	0.25%, 0.5%	Bucan /Bosch, Glocain /Global, Abocain /Abbott, Sensocain /Brookes
				Injection/Spinal	7.5mg/2ml	Abocain spinal /Abbott*, Bupicain /LCPW, Sensocain /Brookes
		2	Lignocaine/Lidocaine	Vial/Injection	2%	Lidoject /Surge*, Xylocaine /Barrett, Lignocaine /Elko
				Gel	2%	Aerocaine /Hoover*, Lignocaine /LCPW, Xylocaine /Barrett
				Solution	4%	Xylocaine /Barrett
		3	Lignocaine+epinephrine	Injection	2% + 1:200 000	Xylocaine With Adrenaline /Barrett, Lignocaine with Adrenaline /Elko
				Dental cartridge	2% + 1:80 000	Xylocaine With Adrenaline /Barrett

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands	
Muscle Relaxants		4	Proparacaine HCl	Eye drops	0.50%	Alcaine /Novartis	
		5	Phenylephrine	Injection	10mg/ml	Synephrine /Atco	
		Medicinal Gases (General Anesthetic)	5	Nitrous oxide	Gas (As NO ₂ Cylinder)	99%	Linde
		Medicinal Gases	1	Oxygen	Gas (As O ₂ Cylinder)	99.50%	Linde
			1	Atracurium (besylate)	Injection	10mg/ml	Atrelax /Abbott*, Tracium /GSK*, Acuron /Brookes*
			2	Suxamethonium	Injection	100mg/2ml	S-Choline /Akhai, Zuselax /Zafa, Suxal /Global, Suxamethonium /Haji Medicine
		Cholinesterase Inhibitors	1	Neostigmine	Injection	2.5mg/5ml	Neo-Choline /Brookes, Instigmine /Indus, Stig /Global, Prostigmine /Roche, Stigma /Akhai
			2	Neostigmine+ Glycopyrrolate	Injection	2.5mg.ml+ 0.5mg/ml	Pyrolate-N /Brooke, Neo-pyrolate /Brookes
				Tizanidine	Tablet	2, 4, 6 mg	Analar /AGP, Movax /Sami, Musidin /Martin Dow, Soneta /Atco, Ternelin /Novartis
	Analgesics & Anti-inflammatory Agents	Opioid Analgesics	1	Nalbuphine	Injection	10mg/ml	Bunail /Bosch*, Kinz /Sami*, Nalbin /Global, Sonotic /Brookes, Buphaine /Macter, Nixa /Schazoo
2			Pethidine	Injection	50mg/ml	PethiScott /Scottman, Pethidine /LCPW	

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Non-Steroidal Anti-Inflammatory Agents		3	Morphine	Injection	10mg, 20mg/ml	Morphine /PDH, Morfscot /Scotman, Morphine /LCPW
				Tablet/Capsule	10mg, 30mg	Magnus /AGP, Qonza /Wilshire
		4	Tramadol HCl	Injection	100mg/2ml	Mictra /Bosch*, Tonoflex /Sami*, Ramol /Macter*, Campex /Akhai, Tramal /Searle, Lamadol /Brookes
				Tablet/Capsule	50 mg	Tonoflex /Sami, Campex /Akhai, Tramal /Searle, Lamadol /Brookes
		1	Ketorolac trometamol	Injection	30mg/ml	Toradol /Roche, Toralac /Global
		2	Acetyl Salicylic Acid	Tablet	300mg	Disprin /Reckitt, Aspro /Reckitt
		3	Diclofenac sodium	Tablets	50mg	Sofac /Saffron*, Dicloran /Sami, Voren /Asian*, Megafenac /Mega*, Diclzaf /Zafa*, Voltral /Novartis*, Artifen /Abbott, Noltren /Medisave*, Phlogin /Brookes
				Suppository	100mg	Voltral /Novartis
				Injection	75mg/3ml	Dicloran /Sami*, Sofac /Saffron*, Artifen /Abbott, Voltral /Novartis, Phlogin /Brookes, Voren /Asian
				Tablet		Caflam /Novartis, Artimov-K /Barrett, Declam /Searle, Diclorep /Sami, Dolo-K /Bosch
	4	Ibuprofen	Tablet	200mg, 400mg	Brufen /Abbott*, Actifen /GSK, Isen /ICI, Xiben /Pacific, Neobutinal /Schazoo, Motrin /Pfizer	

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
				Suspension	100mg/5ml	Brufen /Abbott, Ruberin /Woodwards, Exifen /Genix, Xiben /Pacific
		5	Mefenamic acid	Tablet	250 mg, 500mg	Ponston /Pfizer, Boschtan /Bosch, Gardan /Aventis, Mefnac /Efroze, Gardan Forte /Aventis, Madopar /Roche, Ponsac Forte /Brookes
		6	Meloxicam	Tablet	7.5mg, 15mg	Melfax /AGP, Melor /Sami, Mobix /Global, Xobix /Hilton
		7	Naproxen	Tablet	250mg, 500mg	Synflex /ICI, Flexin /Abbott*, Genoxen /Genix*, Dolonap /Platinum*, Neoprox /Merck
		8	Paracetamol	Tablet	500mg	Disprol /Reckitt*, Panadol , Calpol /GSK*, Febrol /Barrett, Relifal /Nabi Qasim
				Suspension	120mg/5ml	Disprol /Reckitt *, Calpol , Panadol /GSK*, Febrol /Barrett, Tempol /Woodwards
				Drops	12mg/ml	Panadol /GSK
				Infusion	500mg in 100ml	Bofalgan /Bosch, Feveral /Surge, Provas /Sami
				Suppository	125mg, 250mg	NAPA /Bex Pharma, Parasup /Matrix Pharma
		9	Piroxicam	Tablet	20mg	Feldene /Pfizer, Pcam /Merck, Osteocam /Mega*, Exican /Novamed*, Sandan /Bloom*, Brexin /Chiesi
				Capsule	20mg	Feldene /Pfizer*, Nicep /Medi Save*, Pcam /Merck

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands	
Autacoids	Anti-Histamines	1	Chlorpheniramine (hydrogen maleate)	Tablet	4mg	Piriton /GSK*, Allervil /Indus, Histamol /Epla, Allerphene /PDH	
				Syrup	2mg/5ml	Piriton /GSK*, Cepian /Ardin, Histamol /Epla, Allergex /Nabi Qasim, Allerphene /PDH	
		2	Loratidine	Tablet	10mg	Exigent /Merck, Antial /Sami, Histadine /Epla, Lorefect /Bosch	
				Syrup	1mg/ml	Exigent /Merck, Tavelor /Helix, Histadine /Epla	
			3	Pheniramine (maleate)	Injection	25mg/2ml	Avil /Aventis, Avilon /Harmann, Plivil /Pliva, Zafvil /Zafa, Allervil /Indus
					Syrup	15mg/5ml	Avil /Aventis, Allervil /Indus
	Prostaglandin Analogs	1	Misoprostol	Tablet	200mcg	Mite /Genix*, Cytotol /Saffron*, Breeky /Sami*, S.T. Mom /Zafa*, Miso /Global, Prostotec /Atco, Tecmiso /Nabi Qasim	
2		Dinoprostone/prostaglandin E2	Tablet	3mg	Prostin E2 /Pfizer, Preglan-E2 /Platinum, Gladin E-2 /Nabi Qasim		
Anti-Hyperuricemia Agents		1	Allupurinol	Tablets	100mg, 300mg	Zyloric /GSK*, Agout /Mega*, Zynol /Pharmedic, Zyrin /Helicon	
	2	Febuxostat	Tablets	40mg, 80mg	Zurig /Getz, Degouric /Atco, Ulora /Helix, Feboric /Efroze		
Anticonvulsants		1	Carbamazepine	Tablet	200mg	Tegral /Novartis, Mezine /Bloom*, Seizunil /Platinum, Teril /Merck, Epicar /Adamjee	

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Antimicrobial Agents	β-Lactams (Penicillins)			Suspension	100mg/5ml	Seizunil /Platinum, Tegral /Novartis, Epicar /Adamjee
		2	Divalproex sodium	Tablet	250mg	Epival /Abbott*, Dapakan /Platinum, Epilim /Aventis, Valep /Geofman
		3	Phenytoin sodium 100mg	Tablet/Capsule	100mg	Dilantin /Pfizer, Dihydan /French Pharma, Epitoin /Adamjee
				Injection	250mg/5ml	Epigran /Atco, Dilantin /Pfizer, Fentin /Geofman
		1	Benzyl penicillin (potassium)	Injection	600mg (1 million IU),	Benzyl Penicillin /Drug's Inn, Benzyl Penicillin /PDH
		2	Amoxicillin (trihydrate)	Capsule	250mg, 500mg	Amoxil /GSK*, Maxil /Macter*, Supramox /Bosch, Wymox /Pfizer, Ospamox /Novartis
				Drops	125mg/1.25 ml	Zeemox /Searle, Maxil /Macter, Amoxil /GSK
				Powder for suspension	125mg, 250mg/5ml	Amoxil Forte /GSK*, Supramox /Bosch, Ospamox /Novartis, Wymox /Pfizer, Maxil /Macter, Zeemox /Searle, Amoxil /GSK
				Injection	250mg, 500mg	Supramox /Bosch*, Ospamox /Novartis, Wymox /Pfizer, Zeemox /Searle, Amoxil /GSK
		3	Amoxicillin + clavulanic acid	Tablet	375mg, 625mg, 1gm	Augmentin /GSK*, Co-Amoxi /Macter*, Amoxi-Clav /Novartis, Calamox /Bosch*, Amclav /Getz*
		Powder for suspension	125mg+31.25mg/5ml,	Augmentin /GSK*, Amclav /Getz*, Fortecin /Searle, Co-Amoxi /Macter*, Calamox /Bosch, Amoxi-Clav /Novartis		

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
					250mg+62.50mg/5ml	Augmentin DS/GSK* , Amclav DS/Getz* , Calamox/Bosch , Co-Amoxi DS/Macter
				Injection	0.6g ,1.2g	Calamox/Bosch* , Co-Amoxi/Macter* , Calamox/Bosch , Fortecin/Searle , Amoxi-Clav/Novartis , Augmentin/GSK
4	Ampicillin			Capsule	250mg, 500mg	Penbritin/GSK , Ampicillin/Pliva , Zampicillin/Zafa , Stanadacillin/Novartis
				Powder for suspension	125mg, 250mg/5ml	Penbritin/GSK , Stanadacillin/Novartis , Zampicillin/Zafa
				Injection	250mg, 500mg	Penbritin/GSK , Ampin/Bosch , Amplipin/PDH , Zampicillin/Zafa
5	Ampicillin +cloxacillin			Capsule	125mg+125mg, 250mg +250mg	Ampiclox/GSK , Apoclox/PDH , Maxiclox/Macter , Cloxapen/Epla , Zampilox/Zafa
				Powder for suspension	125mg+125mg, 250+250mg/5ml	Ampiclox/GSK , Maxiclox/Macter , Bioclox/Geofman , Cloxapen/Epla , Zampilox/Zafa
6	Phenoxyethyl penicillin (potassium)			Tablet	250mg	Penicillin V Tab/Lisko
				Syrup	125mg/5ml	Penvee/Polyfine , Penisol VK/Lisko
7	Vancomycin HCl			Injection	500mg	Vancocin/Eli Lilly , Vinjec/Bosch* , Vanbact/Nabi Qasim* , Maparix/S J & G Fazul Elahi* , Vancomycin/Abbott*
8	Meropenem			Injection	500mg, 1gm	Meronem/ICI , Penro/Bosch , Merem/Global , Ropen/Macter

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
		9	Tezobactam +piperacillin	Injection	250mg+2g, 500mg+4g	Tazocin /Pfizer, Talzone /Getz, Tanzo /Bosch, Tacip /Macter
	Non-β Lactam Cell wall synthesis inhibitors	1	Polymyxin B sulphate+ lignocaine	Ear drop	Polymyxin B (sulphate): 10,000 IU /ml, lignocaine: 50mg/ml: in 5ml	Lidosporin /GSK, Otocaine /Remington
		2	Polymyxin B (sulphate)+ bacitracin	Eye Ointment	10,000 IU / g + 500 IU /g	Polyfax Eye /GSK, Polyzaf /Zafa, Polyrel /Global
	Cephalosporins	1	Cephradine	Capsule	500mg	Velosef /GSK, Cefrinex /Bosch, Otid /Sami, Lenwin /Getz, Infexin /Merck, Valodin /Hilton
				Suspension	250mg/5ml	Velosef /GSK, Vricef /Indus, Cefrinex /Bosch, Otid /Sami, Lenwin /Getz, Infexin /Merck, Valodin /Hilton
		2	Cefuroxime	Injection	750mg	Zecef /Bosch, Zinacef /GSK, Zafurox /Zafa, Dowcef /Martin Dow
				Injection	500mg	Velosef /GSK, Vricef /Indus, Cefrinex /Bosch, Lenwin /Getz, Infexin /Merck, Valodin /Hilton
		3	Cefixime (trihydrate)	Capsule	400mg	Cefspan /Barrott, Caricef /Sami, Cefim /Hilton, Cebosch /Bosch, Cefiget /Getz, Maxpan /Indus
				Suspension	100mg/5ml	Cefspan /Barrett, Caricef /Sami, Cebosch /Bosch, Cefiget /Getz, Maxpan /Indus, Cefim /Hilton
		4	Ceftriaxone (sodium)	Powder for injection	250mg, 500mg, 1gm	Cefast /S J & G Fazul Elahi*, Inocef /Barrett*, Oxidil /Sami, Sergifex /Surge*, Cefcin /Cirin*, Traxon /GSK*, Titan /Macter*, Rocephin /Martin Dow, Cefxone /Bosch, Aczon /Global, Ryxon /Brookes, Maxef /Indus

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Floroquinolones	1	Ciprofloxacin HCL	Tablet	250mg, 500mg	Cipval/GSK* , Bacip/Nabi Qasim* , Nafcincin/Global* , Novidat/Sami* , Axcin/Novartis* , Ciproxin/Bayer , Cipesta/Getz , Ciprofena/Medipak* , Gen-Cipro/Brookes* , Novidat/Sami , Cyrocincin/Highnoon , Savoxacincin/Pfizer*	
			Infusion	200mg/100 ml	Stericipro/FDL* , Cipesta/Getz , Novidat/Sami , Ciproxin/Bayer , Coplet/Indus	
			Ear drop	0.30%	Cipotic/Barrett , Zeprocaine/Sante , Ciprodex/Ethical	
			Eye drop	0.3 % w/v	Ciloxan/Novartis , Ethiflox/Ethical , Hipro/Helix , Ciprofena/Medipak* , Quinoflox Eye/Bosch , Rocip Eye/Remington	
	2	Moxifloxacin	Tablet	400mg	Barimox/Barrett* , Moksi/Abbott* , Mofest/Sami* , Microcid/Saffrom* , Santomox/Sante* , Moxiget/Getz , Izilon/Bosch* , Molox/CCL* , X-Meflox/Nabi Qasim* , Moxifo/Tabroz* , Avelox/Bayer , Xefecta/Hilton	
			Injection	400mg/250 ml	Infumox/Elko* , X Gen/Genix* , Avelox/Bayer , Moxiget/Getz , Mofest/Sami , Xefecta/Hilton	
			Eye drop	0.5% w/v	Moxigan/Barrett* , Mofest/Sami , Medimox/Medipak* , Ocumox/Remington , Fotiflox Eye/Helix , Vigamox/Novartis	
3	Levofloxacin	Tablet	250mg, 500mg	Qumic/Bosch , Leflox/Getz , Gen Levo/Brookes , Effilox/Sami , Cravit/Hilton , Voxiquin/Highnoon		
Macrolides	1	Clarithromycin	Tablet	500mg	Megaklar/Barrett* , Rithmo/Sami* , Claritek/Getz , Maclacin/Bosch* , Carithro/Nabi Qasim* , E-Clar DS/Tabroz* , Ultima/Macter* ,	

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
						Klaricid /Abbott
				Suspension	125mg/5ml	Maclacin /Bosch*, Claritek /Getz, Klaricid /Abbott, Ultima /Macter*, Clarithro /Nabi Qasim*, Rithmo /Sami*, E Clar /Tabroz* Megaclar /Barrett, Klaribact /Merck
		2	Azithromycin	Tablet/capsule	250mg, 500mg	Plazo /Platinum*, Zeot /Bosch*, Macrobac /Asian*, Zetro /Getz, Azomax /Novartis*, Azitma /Sami
				Suspension	125mg/5ml	Azomax /Novartis*, Zetro /Getz, Azitma /Sami, Plazo /Platinum*, Zeot /Bosch
	Aminoglycosides & Lincosamides	1	Amikacin sulphate	Injection	100mg, 250mg	Amkay /Bosch*, Grasil /Sami, Amikin /GSK, Amikacin /Zafa, Mikacin /Global
		2	Gentamycin (sulphate)	Injection	40mg, 80mg	Refobacin /Merck, Gentamycin /Tabroz, Gentic /Bosch
				Eye drop	0.30%	Genteal /Novartis, Optagen /Remington, Gentamycin /Amros, Gentamycin /LCPW, Medigentacin /Medipak
		3	Clindamycin	Capsule	150mg, 300mg	Dalacin C /Pfizer, Clinda /Valor
				Vaginal cream	2% w/w	Vagibact /Nabi Qasim, Gynacin-V /Valor, Clinda-V /Highnoon, Dalacin C /Pfizer
				Injection	300mg/ml	Dalacin C /Pfizer
		4	Tobramycin+ dexamethasone	Eye drop	0.3%+0.1% w/v	Mebradex /Medipak*, Bracin-D /Atco, Tobracin-D /Helix, Tobra-D /Schazoo, Tobradex /Novartis, Eyebradex /Barrett

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Antivirals	Sulfonamides	1	Cotrimoxazole (sulfamethoxazole+ trimethoprim)	Tablet	400mg+80mg	Septtran /GSK*, Bactrim /Roche, Bactrim Forte /Roche, Boschtrim /Bosch, Cotrim /Tabros, Bactipront /Pfizer
				Suspension	200mg+40mg/5ml	Septtran /GSK*, Bactrim /Roche, Mactran /Macter, Bactipront /Pfizer, Bactrim Forte /Roche, Septtran DS /GSK*
	Tetracyclines	1	Doxycycline	Capsule/ tablet	100mg	Wellcodox /GSK*, Vibramycin /Pfizer*, Contimycin /Asian*, Supramycin100 /Merck
	Nitroimidazoles	1	Metronidazole	Tablet	200mg, 400mg	Klint /Sami, Flagyl /Aventis, Zonid /Bloom*, Metrozine /Searle, Abozole /Abbott, Diazol /Atco
				Infusion	500mg/100ml	Sterimet /FDL*, Medigyl /Medipak*, Flagyl /Aventis, Metronidazole /BBraun Malaysia*, Flazol /Bosch*, Abozole /Abbott, Diazol /Atco, Metrozine /Searle
				Suspension	200mg/5ml (benzoate)	Metrozine /Searle, Klint /Sami, Flagyl /Aventis, Diazol /Atco
	Nitrobenzene derivative	1	Chloramphenicol	Eye Drop/Ointment	0.50%	Chloroptic /Barrett*, Santochlor /Sante*, Medichlor Plus /Medipak*, Optachlor /Remington, Comycetin /Nabi Qasim
	Nucleoside analogues	1	Acyclovir	Tablet	200mg, 400mg, 800mg	Zovirax /GSK, Aclova /Akhai, Cycloz /Highnoon, Clovirex /Brookes, Supraviron /Searle
				Suspension	200mg/5ml	Cycloz /Highnoon, Acylex /Ferozsans
				Injection	250mg, 500mg	Zovirax /GSK, Aclova /Akhai, Acyclovir /Abbott, Cycloz /Highnoon, Supraviron /Searle
Cream				5% w/w	ZoviraxTopical /GSK, Zoraxin Topical /Valor, Acylex-Topical /Ferozsans, Supraviron /Searle Clovirex /Brookes, Cycloz /Highnoon	

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Anti-hypertensives	Nucleoside reverse transcriptase inhibitor			Eye ointment	3% w/w	Ophth-Cyclovir /Ophth, Cycloz /Highnoon, Santovir Eye /Sante, Lovir /Remington
		2	Ganciclovir	Injection	250mg	Ganvir /Mission, Gantovir /Graton
		3	Ribavirin	Capsule	200mg, 400mg, 600mg	Viron /Macter, Ribazole /Getz, Rybio /Sami, Xolox /Ferozsans
		4	Entecavir	Tablet	0.5mg	Tacavir /CCL, Ecavir /Macter, Cavira /Brookes
		5	Sofosbuvir (for Hepatitis c)	Tablet	200mg/400mg	Sofiget /Getz, Sofomac /Macter, Myhep /AGP, Sovladi /Ferozsans
	Calcium channel blockers	1	Tenofovir disoproxil	Tablet	300 mg	Viread /Ferozsans, Vireof /Macter, Tenof-B /Getz
		1	Amlodipine	Tablet	5 mg	Ampress /Barrett*, Norvasc /Pfizer*, Zodip /Zafa, Lodopin /Merck, Caloc /Bosch*, Onato /Sami* Cabok /Platinum*, Quvasc 5 /Novartis*
		2	Verapamil (hydrochloride)	Tablet	40mg, 80mg	Calan /Searle, Zavera /Zafa, Isoptin /Abott
		3	Nifedipine	Tablet/capsule	10mg	Adalat /Bayer, Nifedil /Zafa
		Beta-blockers	1	Atenolol	Tablet	50 mg
2	Propranolol		Tablet	10mg, 40mg, 80mg	Inderal /ICI, Oprinol /Abbott, Propranolol /Siza, Cardinol /Spencer	

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Anti-arrhythmic Drugs	Non-selective Beta blocker/Eye preparatio ACE inhibitors	3	Bisoprolol	Tablet	1.25 mg, 5 mg	Concor /Merck, Actim /Sami, Barilol /Barrett, Corbis /Efroze
		1	Timolol (hydrogen maleate)	Eye drop	0.25%, 0.5%	Meditim /Medipak*, Nyolol /Novartis, Betalol /Sante*, Timoptol /Merck, Blotim /Remington
		1	Enalapril (maleate)	Tablet	2.5mg, 5mg	Zepres /Asian*, Cardace /Zafa, Redropril /Novartis, Enace /Atco, Cortec /Nabi Qasim
	ARB's Blockers	1	Losartan potassium	Tablet	50 mg	Sartan /Barrett, Xavor /Ferozsons, Eziday /Werrick, Cozaar /Merck Coryton /Brookes
		1	Methyl dopa (for severe PIH only)	Tablet	250mg, 500mg	Aldomet /OBS/MSD, Hypodopa /Wilson's, Methyldopa /Macter, Liskomet /Lisko
	Cardiac glycoside	1	Digoxin	Tablet	62.5 mg, 250 mcg	Lanoxin /GSK, Digox /Platinum, Digoxin /Global
				Injection	250 mcg/ml in 2ml	Lanoxin /GSK
		1	Amiodarone HCl	Tablet	200mg	Cordarone /Aventis*, Miodarone /Unimark, Sedacorone /Bio Pharm
				Injection	150 mg	Cordarone /Aventis, Sedacorone /Bio Pharm
	Ionotropic and Chronotropic Agents	Adrenergic agonist	1	Dopamine	injection	40mg/ml in 5ml vial
2			Dobutamine (hydrochloride)	Injection	50 mg/ml in 5ml	Dobutamine /Abbott, Dobutrex /Eli Lilly, Dobutamine /Hoffman*, Dotrex /Akhai

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands	
Antianginal Drugs	Organic nitrates	1	Glyceryl trinitrate	Tablet/capsule	6.4mg, 2.6mg	Sustac /Searle, Cardnit /Atco, Glyrate-SR /Getz	
				Tablet	500mcg	Angised /GSK, Angilingual /Zafa	
				Buccal	2mg, 5mg	Suscard buccal /Searle	
			2	Isosorbide dinitrate	Tablet	5mg	Isordil /Pfizer, Isonit /Benson
					Tablet	10mg	Isordil /Pfizer, Isoket /Atco, Di-Card /Valor, Isdin /Maple
					injection	10mg /10ml	Sorbid /Hoffman, Isoket /Atco, Straight /Werrick
	Direct vasodilators	1	Hydralazine (hydrochloride) (PIH) only)	Tablet	20mg	Hydralazine /Zafa	
				Injection	20mg	Hydralazine /Zafa	
Anticoagulants & Thrombolytics	Thrombolytic agents	1	Streptokinase	Injection	1.5 million IU	Diclair-ST /Gene Tech*, Streptase /Aventis, Kabikinase /Pfizer, Unitinase /Highnoon, Akinase /Akhai	
	Platelet inhibitors	1	Clopidogrel	Tablet	75mg, 150mg	Clofnil /Barrett*, Extrac /Asian* Seaclop /Searle*, Plavix /Aventis, Noclot /CCL, Ogrel /Bosch	
		2	Aspirin	Tablet	75mg, 100,150mg	Ascard /Atco, Loprin /Highnoon, Disprin-CV /Reckitt	

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Diuretics	Anti-coagulants	1	Enoxaprin (low molecular weight heparin)	Injection	20mg, 40mg, 60mg	Clexane /Aventis, Clotles-SS /Himont, Prolongin /Kurative
			Warfarin (sodium)	Tablet	5mg	Coagurin /Atco, Warfin /Shaigan, Werifirin /Werrick, Fericard /Global
	Anti-fibrinolytics	1	Tranexamic acid	Injection	100mg/ml in 5ml	Btrol /Bosch*, Flexitran /Zafa, Maxna /AGP, Traxacid /Asian*, Transamin /Hilton, Haematrix /Macter
				Capsule	250mg, 500mg	Transamin /Hilton, Maxna /AGP, Traxacid /Asian*, Hamic /Genix*
	Loop Diuretics	1	Furosemide	Tablet	20mg, 40mg	Lasix /Aventis, Frusinox /Abbott, Aquasin /Siza, Furosemide /LCPW
				Injection	10mg	Lasix /Aventis, Furosemide /LCPW, Aquasin /Siza, Losamide /Pharmedic
	Thiazide Diuretics	1	Hydrochlorothiazide	Tablet	25mg, 50mg	Diuza /Zafa
		2	Furosemide +spironolactone	Tablet	50 mg/ 20mg, 50 mg/40mg	Spiromide /Searle, Spiromide 40 /Searle, Spirofer /Glitz, Spidar /Medera
	Potassium Sparing Diuretics	1	Spironolactone	Tablet	100 mg	Aldactone /Searle, Spirone /Wilson's, Cara-spirolone /Caraway
Anti-hyperlipidemic Drugs	HMG Co-A reductase inhibitors	1	Atorvastatin	Tablet	10mg, 20mg	Sensicon /Barrett*, Lipiget /Getz, Lipitor /Pfizer*, Tavist /Macter*, Vastor /Atco, Descol /Nabi Qasim*, Lipirex /Highnoon, Winstor /Aventis, Renom /Global
Bronchodilators and Anti-Asthmatics	Beta2 adrenergic	1	Salbutamol/ Albuterol	Tablet	2mg, 4mg	Ventolin /GSK*, Zaffolin /Zafa, Bronkal /Atco, Inhalerin /Werricks

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
	agonist			Syrup	2mg/5ml	Ventolin/GSK* , Zaftolin/Zafa* , Bronkal/Atco , Inhalerin/Werricks
				Inhaler	100 mcg	Salbo/Getz , Inspiro/Macter , Butovent/Chiesi , AsthaventHFA/Highnoon , Aerolin Evohaler/GSK , Ventolin Evohaler/GSK
				Injection	50 mcg in 5ml	Ventolin/GSK , Ventrol/Akson , Broncolin/Geofman
				Solution	5mg/5ml	Vetolin Solution/GSK* , Zaftolin Solution/Zafa* , Bronkal Respirator/Atco , Ventolin-Respirator/GSK
		2	Terbutaline	Tablet	2.5 mg	Bricanyl/Barrett , Tesmic/Zafa , Brethin/Platinum , Ventair/Schazoo
Anti Cholinergic		1	Ipratropium bromide	Solution	0.250mg /ml	Ipneb/Atco , Atem/Chiesi , Optra/Getz , Ipratec/Highnoon , Trupium/Macter
Theophylline		1	Aminophylline	Injection	25mg/ml in 10 ml	Amphyll/GSK , Aminophylline/LCPW , Amonophylline/Lisko , Amphiline/Elite
Leukotriene receptor antagonist		1	Montelukast	Tablet	4mg, 5mg, 10 mg	Montika/Sami* , Beasy/Bosch , Aerokast/Barrett* , Montair/CCL* , Lungair/Nabi Qasim* , Mntk/Macter* , Montiget/Getz , Ventek/Searle , Myteka/Hilton , Bronsecur/Pfizer , Inspra/Martin , Aerotel/Highnoon , Amisped/Aventis
Expectorants and Anti-tussives	Expectorant		1	Ammonium chloride combinations	Syrup	100mg+, 125mg+, 131.5 mg+, Piriton Expect/GSK , Bronex/Woodward , Chlorohist/LCPW , Bronochol/Ferozsos , Benadryl/Johnson & Johnson
	Anti-Tussives		1	Dextromethorphan+diphenhydramine	Syrup	12.5mg/5ml+12.5mg/5ml Cosome/Merck , Hydryllin DM/Searle , Rondec/Abbott , Combinol-D/Atco , Corex-D/Pfizer , Adicos M/Zafa , Epinol DM/CCL , Babynol/Woodwards

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Sedative & Hypnotics	Barbiturates	1	Phenobarbital sodium	Tablet	30mg	Phenobarbitone /Ferozsons, Lenton /Valor, Phenobarbitone /Helix, Aleptal /Bloom, Phenobarbitone /Amros
				Injection	200mg/2ml	Phenobarbitone /Geofman, Phenobarb /Atco, Phenola /Star, Phenomed /Medicraft
	Benzo-diazepines	1	Midazolam	Injection	1mg/ml	Idazol /Bosch*, Milam /Indus, Midozam /Akhai, Dormicum /Martin Dow, Hypozam /Brookes
Anti-allergics and medicines used in anaphylaxis	for eclampsia only	2	Magnesium sulphate	Injection	500mg/ml, 1000mg/ml	Magnesium Sulphate /Zafa, MAG-S /Mass
	Corticosteroids	1	Dexamethasone (disodium phosphate)	Injection	4mg/ml	Dexamex /Bosch* Fortecortin /Merck, D-Cort /Brookes, Decadron /MSD, Dexonil /Global
				Tablet	0.5mg	Dexamethasone /Tabros, Dexamethasone /Geofman, Methazone /Semos
		2	Hydrocortisone (sodium succinate)	Injection	100mg, 250mg, 500mg	Solu Cortef /Pfizer, Hyzonate /Amson, Hydrocort /Akhai, Hyzonate /Amson*, Hydro Sod Suc /Zafa*
		3	Prednisolone	Tablet	5mg	Deltacortil /Pfizer, Prednisolone /LCPW, Rapicort /Tabros, Presolone /Geofman
	Beta agonists	1	Epinephrine HCl	Injection	1mg/ml	Adrenaline /PDH, Adrenaline /Elite
2		norepinephrine acid tartrate	Injection	2mg	Noradrin /Atco, Norepine /Ontech/Allmed, Norepinephrine /MTI	
Antidots and other substances used in poisoning	Anticholinergic	1	Atropine sulphate	Ampoule	1mg/1ml	Atropine /PDH, Atrosol /Indus, Atrovent /Siza, Elitopine /Elite

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Anthelmintics Medicine	Adsorbent	1	Charcoal activated	Powder/tablet/Capsule	250mg, 260mg	Eucarbon /Bio Pharm, Karbon /NeoMedix
	Narcotic antagonist	1	Naloxone	Ampoule	400mcg/ml	Athiol /Siza, Nalox /Haji Medicine, Ozone /Combat, Naloxone /Rehman Medicine
	Choline esterase reactivator	1	Pralidoxime	Injection	200mg/10ml	P-Doxime /Atco, Contrathion /Acti-Med
	Benzodiazepine receptor antagonist	1	Flumazenil	Injection	100mcg/ml	Anexate /Martin Dow
	Somatostatin analogue	1	Octreotide	Injection	0.05mg, 0.1mg, 20mg	Sandostatin /Novartis, Hatide /Hygeia, Jintrotide /Gen Sci/China/ Accurate, Asterotide /Beijing Shuang/China/Aster, Somatostatin LAR /Novartis
	Benzimidazole	1	Albendazole	Tablet	200mg	Zentel /GSK*, Aliz /Glitz, Albendix /Neo Medix, Bendazol /Stanley, Albendol /Global, Benda /Pharmedic
						Suspension
	Tetrahydropyrimidine	1	Pyrantel (pamoate)	Tablet	250mg	Combantrin /Pfizer, Womac /Harmann, Anthelmin /Siza
						Suspension
	Anti-leishmaniasis Medicines	Polyene macrolide	1	Amphotericin B	Injection	50mg

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Anti-fungal Medicines	Pentavalent antimonials	1	Sodium stibogluconate	Injection	333mg	Stibotim/Star
	Imidazole	1	Clotrimazole	Skin cream	1%w/v	Stiemazol/GSK*, Canesten/Bayer, Clotrim/Zafa, Dermosporin/Nabi Qasim, Lotrigen/Dermagen
				Vaginal cream	10%w/v	Gynosporin/Nabi Qasim*, Canesten/Bayer, Vaginet-1/Bloom
				Vaginal tablet	100mg, 500mg	Gynosporin/Nabi Qasim*, Macrolex/Bloom*, Oligyn-1/Platinum, Barresten/Barrett, Canesten/Bayer
	Triazole	1	Fluconazole	Capsule	150mg	Diflucan/Pfizer, Zolanix/GSK, Fluderm/Nabi Qasim, Beconazole/Schazoo,
	Polyene		Nystatin	Drops	100,000IU/ml	Nilstat/Wyeth*, Myconil/Amson*, Nylosin/Bryon
Anti Tuberculosis Medicines (as per TB Control Program Guidelines)	First line medicines	1	Ethambutol	Tablets	100mg, 400mg	Abbutol/Abbott, Schazobutol/Schazoo, Butal/Novartis, Ethambutol/LCPW, Myambutol/Pfizer
		2	Isoniazid	Tablets	100mg	Isozide/Nabi Qasim, INN/PDH, Isozide/Amson, Isoniazid/LCPW, Isoniazid/Geofman
		3	Pyrazinamide	Tablets	400mg	PZA Ciba/Novartis, Pyrazid/ Schazoo, Pyrazinamide/Pfizer, Pyrazinamide/Geofman
		4	Rifampicin	Capsule/ Tablet	300mg	Lederrif/Pfizer, Rifadin/Pacific, Rimactal/Novartis, Rifac/Geofman, Abrifam/Abbott, Rifampicin/LCPW
		5	Streptomycin	Injection	1gm	Streptomycin/PDH

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands	
Second line medicines (MDR-TB)		6	Rifampicin+isoniazid (RH)	Tablet	150+75mg, 300+150mg, 75+50mg	Rimactal INH /Novartis, Rin /Pfizer, Rifinah /Pacific, Lederiff INH /Pfizer, Rifazol Junior /Schazoo	
		7	Rifampicin+isoniazid+pyrazinamide (RHZ)	Tablet	75mg+50mg+150mg	Rimcure /Novartis, Rifapin H Junior /Schazoo	
		8	Rifampicin+isoniazid+pyrazinamide+ethambutol (RHZE)	Tablet	150mg+75mg+400mg+275mg	Myrin-P Forte /Pfizer, Pire+4 /Genix, Rimstar /Novartis, Rifa 4 Plus /Schazoo, Rifin Forte /Pacific, Tibex-P /Helix	
		9	Rifampicin+isoniazid+ethambutol (RHE)	Tablet	150mg+75mg+275mg	Myrin /Pfizer, Rimthree FDC /Novartis, Rifatol /Schazoo, Pire 3 /Genix, Rifin E /Pacific	
		(Reserve second line drugs for the treatment of multidrug-resistant tuberculosis (MDR-TB) Should be used in specialized centers adhering to WHO standards for TB)					
		1	Amikacin	Injection	100mg, 250mg, 500mg, 1g	Amkay /Bosch*, Grasil /Sami, Aika /Bosch, Mikan /AGP, Amikin /GSK, Amikacin /Zafa,	
		5	Cycloserine	Capsule	250mg	Cyclofen /Schazoo, Closerin /Century, Closip /Shrooq	
		7	Ethionamide	Tablet	125mg, 250mg	Ethomid /Schazoo, Usemid /Genix, Enamid /Century	
		8	Kanamycin (sulphate)	Injection	500mg, 1 gm	Bnarex /Bosch, Kanabid /Helix, Kanamycin /Zafa, Nekacyn /Amroz, Kanan /Polyfine,	
9	Levofloxacin	Tablet	250mg, 500mg	Qumic /Bosch, Leflox /Getz, Gen Levo /Brookes, Effilox /Sami, Effiquin /Woodwards, Cravit /Hilton, Voxiquin /Highnoon, Effilox /Sami, Atcoflox /Atco			

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands	
Anti-diabetic Medicines	Sulfonylurea	10	Linezolid	Tablet	400mg, 600mg	Ecasil/Sami, Nezocin/Brookes, Zolrest/Bosch, Nezolid/Searle, Lyzon/Getz	
		11	Moxifloxacin	Tablet	400mg	Barimox/Barrett*, Izilon/Bosch*, Moksi/Abbott*, Mofest/Sami*, Microcid/Saffrom*, Molox/CCL*, Maxflox/Searle, Santomox/Sante*, Moxiget/Getz, X-Meflox/Nabi Qasim*, Moxifo/Tabroz*, Avelox/Bayer, Xefecta/Hilton	
		1	Glibenclamide	Tablet	5mg	Daonil/Aventis*, Euglucon/Martin Dow, Glucoban/Mega*, Glicon/Efrosze	
			2	Gliclazide	Tablet	80mg	Diamicon/Servier, Diabetron/Ferozsons, Nidonil/Merck, Macazid/Macter, Prozide/Novartis, Protect/Platinum, Zaclazide/Zafa
		Insulins	1	Insulin NPH	Injection	100IU/ml	Insuget-N/Getz*, Insulatard HM/Novo*, Humulin-N/Eli Lilly, Insuman Basal/Aventis, Dongsulin-N/Highnoon, Insulin NPH/Zafa
			2	Insulin Regular	Injection	100 IU /ml	Insuget Regular/Getz*, Humulin-R/Eli Lilly, Actrapid HM/Novo*, InsumanRapid/Aventis, Dongsulin-R/Highnoon
			3	Insulin comp (regular+NPH)	Injection	70%+30% w/v in 100 IU /ml	Insuget 70/30/Getz*, Humulin70/30/Eli Lilly, Mixtard 30 Hm/Novo*, Dongsulin70/30/Highnoon
		Biguanide	1	Metformin (HCl)	Tablet	500mg	Neophage/Abbott*, Neodipar/Aventis, Meteor/Asian*, Glucophage/Merck, Xormet/Highnoon
		Dipeptidyl peptidase-4 inhibitor	1	Sitagliptin	Tablet	50mg	S-Gliptin/Barrett*, Sita/CCL*, Gvia/Genix*, Gliptin/Himont*, Inosita/Pharmevo*, Itaglip/Sami, Sitaglu/Hilton, Trevia/Getz, Tagip/Highnoon, Silo/Macter
			2	Sitagliptin+metformin	Tablet	25mg+500mg	Treviamet/Getz, Jentin Met/ Searle, Sitaglu Met/Hilton, Silo-M/Macter, NeoGlip/Atco, Tagipmet/Highnoon, Duvel Plus/Martin

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
						Dow, Itaglip Plus /Sami
Anti-malarials	Atemisinin derivative	1	Artesunate* (management of severe malaria)	Injection	60mg/ml	Misonate /Tabros, Medisonate /Mediate, Gen-M /Genix
	Atemisinin derivative +Racemic fluorene	2	Artemether+ lumefantrine	Tablet	20mg+120mg	Neo-Cotecxin /Amson*, Malera /Barrett*, Malgo /CCL*, Qmetem /Bosch*, Gen-M /Genix*, Co-Falcim /Medi Save*, Arlufa /Zafa*, Arceva /Sami*, Artem Plus /Hilton, CoMether /Helix, Artecxin /Highnoon, A-Fantrine /Atco, Animal /Pfizer
				Suspension	15mg+90mg	Qmetem Plus /Bosch*, Gen-M /Genix*, Arceva /Sami*, Co-Misomal /Tabros*, Artem Plus /Hilton, A-Fantrine /Atco, Co-Mether /Helix, Artecxin /Highnoon
	Atemisinin derivative+Sulphonamide+diaminopyrimidine	3	Artesunate+sulfadoxine and pyrimethamine to be used in combination (co blister)	Tablet (Co blister of (6+2) tablets)	2 large tablets of sulfadoxine 500mg+pyrimethamine 25mg & 6 small tablets of artesunate 50mg	Artedoxin-P /Efroze, Artesul /Zafa, Sindam-P /Amson, Malasunate /Pharmedic
	Atemisinin derivative+Sulphonamide+diaminopyrimidine	3	Artesunate+sulfadoxine and pyrimethamine to be used in combination (co blister)	Tablet (Co blister of (6+3) tablets)	3 large tablets of sulfadoxine 500mg+pyrimethamine 25mg & 6 small tablets, of artesunate 100mg	Artedoxin /Efroze, Artesul /Zafa, Mether SP /Helix, Misomal SP /Tabros, Sindam-P DS /Amson, Malasunate /Pharmedic
Aminoquinolone derivatives	1	Chloroquine (phosphate or sulphate)	Tablet	150mg	Resochin /Bayer, Nivaquin-P /Aventis, Chloroquine /Helix, Efroquine /Efroze, Chloroquine /Tabros	
			Syrup	50mg/5ml	Nivaquin-P /Aventis, Cloquin /Woodward, Resochin /Bayer, Geoquin /Geofman	

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Gastrointestinal Drugs	Sulphonamide+ diaminopyrimidine	2	Primaquine diphosphate for (vivax)	Tablet	7.5mg, 15mg	Primaquine /Ethical
		1	Sulfadoxine pyrimethamine, coblister /combined therapy for (falciparum)	Tablet	500mg+25 mg	Fansidar /Martin Dow, Maladar /Efroze, Malarest /Pharmedic, Sindam /Amson, Malidar /PDH, Maladrin /Bosch
				Suspension	500mg+25 mg/5ml	Fansidar /Martin Dow, Maladar /Efroze, Malarest /Pharmedic
	Anacids	1	Aluminium hydroxide+ magnesium trisilicate	Tablet	250mg + 500mg	Trisil /Efroze, Gelusil plus /Pfizer, Almeg /Lisko, Magtil /Ardin, Genacid /Genera, Almacid /Swiss
			Aluminium hydroxide+ magnesium hydroxide+Simeticone	Suspension	300mg+150mg+25mg, 215 mg +80mg+25mg / 5ml	Filmacid /Searle, Almagel /Zafa, Mylanta 2 /Johnson & Johnson, Dimeco /Macter, Dijex MP /Abbott, Balanta /Global, Gelusil MPS /Pfizer, Sigel /Macter, Siam /Efroze
	Proton Pump Inhibitors	1	Omeprazole	Injection	40mg	Omega /Ferozsons, Risek /Getz, Omezol /Bosch*, Loprot /Nabi Qasim*, Vify /SJ&G Fazul Elahi*, Teph /Sami, Losec /Barrett, Delka /Woodwards
				Capsule	20mg, 40mg	Omesec /Brookes*, Etipro /ICI, Anzo /Searle, Omezol /Bosch, Efome /Efroze, Cipro /Indus, Sante /Macter*, Teph20 /Sami*, Losec /Barrett, Valuprazole /GSK, Zaprole Plus /Adamjee Loprot /NabiQasim*, Delka /Woodwards
	H2 Receptor Antagonists	1	Ranitidine	Tablet	150 mg	Zantac /GSK, Anzol /Indus, Rantfin /Macter, Renata /Platinum, Nulcer /Bosch, Ranulcid /Merck

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Antispasmodics				Injection	25mg/ ml in 2ml	Zantac /GSK, Anzol /Indus, Nulcer /Bosch, Ranulcid /Merck, H2 REC /Zafa, Pepticure /Nabi Qasim
		1	Phloroglucinol	Tablet	Phloroglucinol 80mg+trimethyl phloroglucinol 80mg, 40mg+40mg	Anafortan Plus /AGP, Spadix /Tabros, Spasrid /Barrett, Helispa Plus /Helix
				Injection	10mg/ml	Anafortan Plus /AGP, Spasrid /Barrett, Spadix /Tabros
		1	Drotaverine	Injection	40mg/2ml	Relispa /Searle, Dytra /Tabros, No-Spa /Aventis, DRT /Macter
				Tablet	40mg	Relispa /Searle, Dytra /Tabros, No-Spa /Aventis, DRT /Macter
Anti-emetics		1	Hyoscine (butylbromide)	Tablet	10 mg	Buscopan /Merck, Spasler-P /AGP, Hyoscine /Semos
		1	Pyridoxine + doxylamine succinate	Tablet	10 mg+10 mg	Xyquil DR /Sami, Pregnova /ICI, Femiroz /Efrosze, Envepe /RG Pharma
		2	Pyridoxine + meclizine	Tablet	50 + 25 mg	Navidoxine /GSK, Sevidoxine /Bloom
		1	Domperidone	Tablet	10 mg	Vomilux /Atco, Peridone /Sami, Perilium /Adamjee, Domel /Barrett, Visdom /Macter, Motilium /Janssen, Perilium /Adamjee, Metocolon /Indus
		1	Metoclopramide HCl	Tablet	10 mg	Maxolon /GSK*, Mediclop /Global, Metoclon /Indus, Metomide /CCL, Gastrolon /Efroze
		Syrup	5mg/5ml	Maxolon /GSK*, Plasil /Pacific Metomide /CCL, Metoclon /Indus		

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
				Injection	5mg/ml	Maxolon/GSK, Clotide/Surge*, Mediclop/Global, Metoclon/Indus , Maxolon/GSK, Metomide/CCL
		1	Dimenhydrinate	Tablet	50 mg	Gravinate/Searle, Emetox/Star*, Devom/Siza, Dramamine/Pfizer
				Syrup	12.5mg / 4ml	Gravinate/Searle, Dramamine/Pfizer, Hydrinate/Lisko
	Laxatives	1	Lactulose	Syrup		Duphalc/Abbott, Lilac/Getz, BLact/Brookes, Tavalose/High-Q
		1	Sodium biphosphate	Enema	7.2 g/120 ml	Kleen Enema/Nabi Qasim
		2	Bisacodyl	Tablet	5 mg	Dulcolax/Merck, Bisacodyl/Efrozsons, Bisacodyl/PDH, Bisacodyl/Geofman
		3	Glycerin	Suppository		Glycerin Suppository/Sapient, Glycerin Suppository Adult/Micko, Glycerin Suppository Paed/Micko
		4	Magnesium oxide and hydroxides	Suspension	7.9 % w/v	Philips Milk of Magnesia/GSK
Medicines Used in Ophthalmology	Protein synthesis inhibitor antibiotic	1	Chloramphenicol	Eye drop/	0.50%	Chloroptic/Barrett*, Spersanicol/Novartis, Medichlor Plus/Medipak*, Santochlor/Sante*, Optachlor/Remington, Comycetin/Nabi Qasim
				Eye ointment	1%	Chlorophenicol Eye/Pliva, Santochlor/Sante, Geoclor/Geofman
	Corticosteroid	1	Dexamethasone	Eye drop	0.1% w/w	Spersadex/Novartis, Binadex/Barrett, Maxidex/Novartis, Medidex/Medipak, Optadex/Remington

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Miotics	Cholinergic agonist	1	Pilocarpine (hydrochloride or nitrate)	Eye drop	2%	Medicarpine /Medipak*, Spersacarpine /Novartis, Opta Carpine /Remington, Orbacarpine /Zafa
Mast cell stabilizer		1	Sodium cromoglycate	Eye drops	2% w/v	Histalyn /Remington, Cromog /Innovatek, Ethicrom /Ethical
Tears		1	Tears /artificial	Eye drops		Viscotears /Novartis, Blink Fresh /Sante, Visol /Atco, Tears Naturel- II /Alcon, Tears Plus /Barrett, Lubri Plus /Global
Mydriatics	Anti-Cholinergic	1	Tropicamide	Eye drop	1% w/v	Mydriacyl /Novartis, Tropicafin /Medipak Mydromide /Remington, Tropic /Sante*
	Aminoglycoside antibacterial	1	Gentamicin (sulphate)	Eye drop	0.30%	Genteal /Novartis, Optagen /Remington, Gentabact /Surge, Gentamycin /LCPW, Medigentacin /Medipak
	Aminoglycoside antibiotic	1	Tobramycin+dexamethasone	Eye drop	0.3%+0.1% w/v	Eyebradex /Barrett, Mebradex /Medipak*, Bracin-D /Atco, Tobracin-D /Helix, Tobra-D /Schazoo Tobradex /Novartis
	Imidazole Antifungal	1	Miconazole(nitrate)	Eye ointment	2%	Monitin /Remington
	Quinolone antibacterial	1	Moxifloxacin	Eye drop	0.5% w/v	Moxigan /Barrett*, Oxcin /Atco, Medimox /Medipak*, Vigamox /Novartis, Ocumox /Remington, Fotiflox Eye /Helix
	Polymyxin antibiotic	1	Polymyxin B (sulphate)+ bacitracin	Ointment	10,000 IU / g + 500 IU /g	Polyzaf /Zafa, Polyfax eye /GSK, Trimin /Remington, Germinil Eye /Valor
	Local anesthetic	1	Proparacaine(hydrochloride)	Eye drops	0.50%	Alcaine /Novartis/Alcon, Ocucaine /Farmigea
ENT Medicines	Irrigant solution	1	Saline nasal drops	Saline drops	0.65%	Norsaline-P /Atco, Nazolin /Epla, Norsal /Nabi Qasim, Nasaline /Polyfine

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Electrolytes, IV Infusions and Plasma Substitute	Wax softener	1	Boroglycerine	Ear drop/Liquid	40 % (only for wax removing)	Boro Glycerin /Lahore Pharma
	Alpha adrenergic agonist	1	Xylometazoline	Nasal spray	0.05%	Xolisan /Sante*, Xynosine /Zafa*, Rhezole /Epla, Xylonas /Geofman
	Quinolone	1	Ciprofloxacin	Ear drop	0.30%	Cipotic /Barrett, Anticip /Jaens, Lignocip /Remington
	Non-β Lactam Cell wall synthesis inhibitors	1	Polymyxin B sulphate+ lignocaine	Ear drop	Each ml contains polymyxin b(sulphate): 10,000 IU /ml, lignocaine: 50mg/ml: in 5ml	Lidosporin /GSK, Otocaine /Remington
		1	ORS Low osmolarity, recommended in combination with Zinc sulphate 20mg dispersible tablet in acute diarrhea	Sachet/Liquid/Bottle	For 1 liter: glucose anhydrous 13.5 gm, trisodium citrate dihydrate 2.9gm, potassium chloride 1.5 gm, sodium chloride 2.6 gm BP	Peditral /Searle, Osmolar /Atco
		2	ORS		For1L: Glucose 20g, sod. Citrate 2.9g, KCl 1.5g, NaCl 3.5g	Gastrolyte /Aventis, Hilyte-R / Hillton, Woodwards ORS /Woodwards, Dirosal /Bloom*, Paedi Care /Woodwards, Pedialyte /Abbott
	Caloric solution	1	Dextrose	Infusion	5%	Pladex-5 /Otsuka*, Medisol /Medipak*, Macsol 5% /Searle*, Dextrose IV / Otsuka, Sterifluid-5 /FDL, B.Braun G5 / B Braun
		2		Ampoule	25%	Medisol /Medipak, Dextrose Inf /Zafa, Lifesol /Geofman, Macsol /Searle, Sterifluid /FDL

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
		3	Dextrose+ saline	Infusion	5%+0.9% w/v; 5 % + 0.45%; 4.3% + 0.18% (i/5 th)	B-Braun-DS /FDL/B-Braun*, Sterifluid-DS /FDL*, Medisol /Medipak*, Macsol-DS /Searle*, B-Braun Paeds / B.Braun, Macsol DS1/2 /Searle, Pladexsal1/2 /Otsuka, Pladexsal 1/5 /Otsuka, Sterifluid Paed /FDL, Sterifluid DS1/2 /FDL, Medisol1/2 STR /Medipak, BBraun DS1/2 /B-Braun, Medisol Paed /Medipak
	Osmotic Diuretic	1	Mannitol	Infusion	20%w/v	B Braun Mannitol /FDL*, Medisol Mannitol /Otsuka, Steriflutol /FDL, Mactol /Searle, Osmotol /Otsuka, Mannitozaf /Zafa
	Electrolyte solution	1	Normal saline	Infusion	0.9% 1000ml, 100ml	Sterifluid NS /FDL*, Medisol /Medipak*, B Braun NS /B Braun, Macsol NS /Searle*, Plasaline /Otsuka, SterifluidNS /FDL
	Electrolyte	1	Potassium chloride	Injection	7.45%, 15%	Mini KCl /FDL, Electrosol /Geofman, Potassium Chloride /Otsuka, Potassium Chloride /B Braun
		1	Plasma substitute	Infusion	Polygeline 3.5/4% +dextrane 6% w/v	Haemaccel /Aventis, Gelofusine /B Braun, Plexel-S /Searle/Mac & Rains, Sterimaize /FDL
	Electrolyte	1	Ringer's lactate (sodium lactate compound solution)	Infusion	calcium chloride 0.2gm, potassium chloride 0.3 gm, sodium chloride, 6.0 gm, sodium lactate 3.1 gmUSP, WFI 1000ml (q.s.)	B. Braun-RL /FDL/BBraun*, Sterifluid RL /FDL*, Medisol Hartmann's /Medipak*, Ringolact /Otsuka, Macsolate-RL /Mac & Rains/Searle, Lacsol Lactated R /Geofman
	Alkalinizing agent	2	Sodium bicarbonate	Injection	8.4%,84mg/ml,10mEq/10ml	Meylon /Otsuka, Sobicarb /Zafa, Sobonate Bicarbonate /Geofman

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Vitamins & Minerals	Vitamin C	1	Water for injection	Ampoule	5ml or 10ml	Surge, Medipak, GSK, Asian, Genix
		1	Ascorbic acid	Tab	50,100,500, 1000mg	Cecon /Abbott*, Vitamin C /Amros, Vitamin C /Helix, Redoxon /Bayer, Vitamin C /Geofman
	B-complex	2	B complex (B1, B6 and B12)	Tablet/ Syrup	DRAP approved	Bevidox /Abbott, Nuramine Fort /Geofman, Neurobion /Merck, Surgibion /Surge, Neurobedoxine /Schazoo, Nezaton /Zafa
	Vitamin D	1	Cholecalciferol	Ampoule	1.25mg (50,000IU)	D4U /Genix*, Viferol /Himont*, DX3 /Macter, DX3 /Macter*, Doplet-3 /Saffron*, D-Tres /Sami*, Trick-D /Surge*, Miura-D /Getz
	Vitamin	1	Folic acid	Tablet	5mg	Cybela /ICI, Folic Acid /Mendoza, Folic Acid /Zafa, Folic Acid /Geofman, Folitab /Nabi Qasim
	B-12	1	Mecobalamin	Injection/ Tablet	1mg	Cobolmin /Macter, Comin /Genix, Elgin /Novartis, Lizobal /Bosch, Neuromet /Merck, Inovit /Werrick, Nervon /Getz, Methycobal /Hilton
			Multivitamins	Tablet/syr up		Vidaylin-T /Abbott*, Myvit-T /Bloom*, Kids /Werrick, Revitale-B /GSK*, Starvit /GSK, Vi-daylin /Abbott, Acebex /Schazoo, Multibionta /Merck
	Vitamin A	1	Retinol as palmitate	Tablet/C apsule	50,000 IU: 100,000 IU:200,000 IU	Avita /Siza, Vitamin A /Ethical, Vitamin A /Wilson, Glovian /Global
	Vitamin k1	1	(phytomenadione)	Injection	10mg	Konaktion-MM /Roche, Vit-K1 /English, Phyto-K/Elite , Phytomenadione /Haji Medicine
	Minerals		1	Zinc sulphate (for acute diarrhea with ORS)	Tablet	20mg
Liquid					20mg/5ml	Zincday /Barrett*, Zincat /Atco, Diazinc /Searle, Osiris /Sami

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Topical Medicines	Mineral		Calcium lactate	Tablet	500mg, 1gm	Calcium Lactate /Ideal, Calcium Lactate /Ardin
			Ferrous salt	Tablet	100mg, 200mg	Fersul /Nabi Qasim, Ferfix /Getz, Ferosoft /Hilton, Ferrous sulphate /PDH, Ferrous sulphate /Geofman, Ferozak /Schazoo, Femorate /Valor
				Ampoule	20mg/ml	Bisleri /Sami, Venofer /RG Pharma/OBS, Ive Fer /Barrett, Ferosoft-S /Hilton, Ferotein-S /Getz
				Syrup	20, 25 mg/ml iron	Bisleri /Sami, Ferfix /Getz, Ferosoft /Hilton, Fentol /Remington
			Ferrous salt + folic acid (supplement for use during pregnancy)	Tablet/Capsule		Iberte Folic /Abbott*, Feban /Amson*, Fefol /GSK*, Foliron /Benson*, Ferfix-FA /Getz, Blomic /Bloom*, Feroxil /Geofman, Neo Folic /Zafa
	Anti-scabies	1	Benzyl benzoate	Lotion	25%	Benzyl benzoate /Ferozsans, Ascabion /Lisko, Scabicure /LCPW, S.P.Lotion /Remington, Benzyl benzoate /Sapient
	Corticosteroid	1	Betamethasone	Cream/Ointment	0.05, 0.10%	Betnovate /GSK*, Betadip /Zafa, Betaderm /Atco, Bevate /Hoover*, Provate /Saffron*, Betacin /Geofman
	Astringent	1	Calamine	Lotion	15%	Calamine Lotion /Sharex, Blisscal /Bliss, Calamine Lotion /Prime
			Coal tar+ Salicylic acid	Topical	1% to 5%	Soraderm /Wilson's, Cocois /Mass, Dithrosil /Wilson's, Cosacort /Sulk, Carasham /Caraway
	Corticosteroid	1	Hydrocortisone	Cream/Ointment	1%	Hydrocortisone /Zafa*, Hydro Sod Suc /Zafa, Cortival /Valor, Hydrocort /Akhai, Cortiderm /Valor, Clozole-H /Pearl, Cutis-HC /Derma Techno, Hydrosone /Ferozsans

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Medicines for Mental & Behavioral Disorders	Imidazole antifungal	1	Miconazole (nitrate)	Cream/Ointment	2%	Mycon /Valor, Myconit /Epla, Daktarin topical /Janssen, Dermicon /Friends
	Polymyxin antibiotic	1	Polymyxin B(sulphate) + bacitracin zinc	Ointment	10000IU/g +500 IU/g	Polyfax /GSK, Biofax /Geofman, Polyrel /Global, Polyzaf /Zafa
	Synthetic pyrethroid/Antiscabies	1	Permethrin	Lotion	5%	Lotrix /GSK*, Mitex /Hoover*, Scabfree /Atco, Mitonil /Saffron*, Scabrid /Tabros*, Nedax Plus /GSK, Elemite /Derma Techno
	Sulfonamide	1	Silver sulfadiazine	Cream	1%	Sentobe /Hoover*, Silvin /PDH, Dermazin /Novartis*, Quench /Ferozsosn, Mazine /Global
	Benzodiazepine	1	Alprazolam	Tablet	0.5mg	Axal /Amson*, Xanax /Pfizer, ALP /Hilton, Anxoten /Bloom*, Neram /Genix*, Hilaxin /Himont*, Azolam /Merck, Enzo /Macter, Z-Nest /Indus, Alpram /Akhai, Pinix /Adamjee
	TCA	1	Amitriptyline (hydrochloride)	Tablet	25mg	Amyline /Siza, Tryptanol /OBS, Amitin /Glitz, Triptylin /Caraway, Amotrip /Pharmedic
	TCA	2	Clomipramine	Tablet	10mg, 25mg	Clomfranil /Novartis, Anafril /Glitz, Clomipril /Libra, Clopra /Medera
	Iminostilbene	1	Carbamazepine	Tablet	100mg, 200mg	Mezine /Bloom*, Tegral /Novartis, Seizunil /Platinum, Teril /Merck, Epicar /Adamjee, Epilepsin /Macter, Lexopine /Highnoon, Epitab-XR /Werrick
	Phenothiazine	1	Chlorpromazine HCl	Tablet	100mg	Largactil /Aventis, Procalm /Siza, Sedectil /Usawa
					Injection	25mg/2ml
Thienobenzodiazepine	1	Olanzapine	Tablet/Capsule	5mg, 10mg	Zyprexa /Eli Lilly, Zydis /Eli Lilly, Olepra /Genetics, Furmium /Indus, Olanzia /Werrick, O-zip /Glitz	

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Oxytocic, Anti Oxytocic, Contraceptives & Others	Benzodiazepines	1	Diazepam	Tablet	2mg, 5mg	Valium /Martin Dow, Cerelium /Helix, Relaxipam /Epla, Diazepam /SJ&G Fazul, Diazepam /Efroze, Neopam /Ferozsans
				Injection	10mg	Valium /Martin Dow, Diazepam /SJ&G Fazul, Cerelium /Helix, Somnite /PDH, Relaxipam /Epla
	SSRI	1	Escitalopram	Tablet	10mg	Seradep /Barrott*, Zavesca /Getz, Questa /Bosch*, Exapro /CCL*, Depsit /Genix*, Estiram /Hoover*, Cipralext /Lundbeck*, Prodep /Saffron*, Hapicite-E /Adamjee, Atcopram /Atco, Morcet /Searle, Citanew /Hilton, E-Dynapram /Indus, Precipra /Pfizer, Escadep /Platinum, Safepram /Martin Dow,
						Reset /Medera, Zauxit /Zafa, Prozac /Eli Lilly Vonder /Standpharm, Depex /Merck, Depricap /Nabi Qasim, Flux /Hilton, Prozyn /Platinum, Zauxit /Zafa, Hapilux /Novartis, Phloxetin /Woodwards, Rize /Werrick
	SSRI	2	Fluoxetine	Tablet/Capsule	20mg	Modecate /GSK, Flucate /Akhai, Psycate /Surge, Sycate /Surge, Fluphan /Pharmedic
						Reset /Medera, Zauxit /Zafa, Prozac /Eli Lilly Vonder /Standpharm, Depex /Merck, Depricap /Nabi Qasim, Flux /Hilton, Prozyn /Platinum, Zauxit /Zafa, Hapilux /Novartis, Phloxetin /Woodwards, Rize /Werrick
	Neuroleptic	1	Fluphenazine	Injection	25mg	Modecate /GSK, Flucate /Akhai, Psycate /Surge, Sycate /Surge, Fluphan /Pharmedic
						Reset /Medera, Zauxit /Zafa, Prozac /Eli Lilly Vonder /Standpharm, Depex /Merck, Depricap /Nabi Qasim, Flux /Hilton, Prozyn /Platinum, Zauxit /Zafa, Hapilux /Novartis, Phloxetin /Woodwards, Rize /Werrick
Neuroleptic	1	Haloperidol	Injection	5mg/ml	Serenace /Searle, Phrenia /Pharmedic, Gendol /Genetics, Seredol /Genetics	
					Tablet	5mg
Antimuscarinic	1	Procyclidine	Tablet	5mg	Kempro /Adamjee, Kemadrin /GSK, Proscyclidine /Werrick, Procholidin /Zafa, Epsent /Genetics, Cyclidine /Pharmedic	
Labour inducer	1	Oxytocin	Injection	5IU, 10IU	Tocinox /Geofman, Oxytocin /SJ&G Fazul, Oxytocin /Amros, Syntocinon /Novartis	

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Vaccines and Seras (WHO Approved /as per National EPI Program)	Hormonal contraceptive/P rogesterone	1	Norethisterone	Tablet	5mg, 10mg	Primolut N /Bayer, Penorit /Sami, Noregyn /Zafa, Cycolunct-N /Global, Geogynon /Geofman
		2	Medroxyprogesterone acetate (DMPA)	Injection	150mg/ml	Famila /Zafa, Depo Provera Saheli /Pfizer /Green Star/Social Marketing, Medroxy Depo /Global, Megestron /Green Star/Social Marketing, Medrosterona /Seignior
			Ethinylloestradiol +norethisterone	Co pills	0.02mg +10mg	Gynorit /LCPW, Gyneric /Zephyr, Penorit /Sami, Geogynon /Geofman
		4	Estradiol valerate+ norethisterone	Injection	5mg+50mg	Femi Ject /Green Star/Social Marketing
			Levonorgestrel	EC pills	750mcg (pack of 2)	Emkit /Zafa, Emergency Pills /Hansel, ECP /Green Star, Postinor /Medimpex
		1	Anti-D immunoglobulin (human)	Injection	300mcg	Rhophylac 300 Human Anti-D /CSL Behringag Switzerland*, HyperRHO /Talecris USA/Popular, ImmunoRHO /Kedrion/Italy/Popular, WinRHO SDF /Nabi Qasim, RHO GAM UF PLUS /Amson
		1	Anti-rabies vaccine	Injection	>2.5 IU	Verorab /Aventis, Rabipur /Novartis, Rabi-Gene /India/Gene-Tech, Lyssavac-N /Cadila/ India/Hakimsons, Indirab /India/HSS
		1	Anti-snake venom serum	Injection	10ml	Polyvalent Anti Snake Venom Serum (ASVS) /Amson*
		1	BCG vaccine	Injection		SII-ONCO-BCG /India/HSS, Onco Tice /China/OBS, BCG Vaccine /Hi-Warble
		1	Diphtheria antitoxin	Vial	10,000IU; 20,000 IU	Diphtheria antitoxin /Hakimson

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
		1	Diphtheria, Pertussis, Tetanus (DPT)			Infanrix/GSK, Genetech-DPT/Genetech, Trivac/Hi-warble
		1	Hepatitis B vaccine	Injection		Engerix-B/GSK, Euvax-B/Aventis, Hi-VaxB/Himont, Heprovac-B/Highnoon, Amvax-B Amson, Shanvac-B/Shantha/India/Sanofi, Heberbiovac/Macter
		1	Measles vaccine	Injection		Morbilvax/Amson, Moruman/Hakimsons, Rouvax/Aventis
		1	Meningococcal vaccine	Injection		Meningococcal AC/Aventis, Menveo/Novartis, Mencevax ACWY/GSK, Menpovax A+C/Amson, Menpovax/Amson, Quadrimeningo/Amson
		1	Polio vaccine	Oral/Suspension		Opvero/Aventis, Polio Oral/Amson, Polio Oral Vaccine/Sindh Medical Store
				Injection		Imovax Polio/Aventis, IPV/Sindh Medical Store, Poliomyelitis Vaccine/HSS
		1	Pneumococcal vaccine	Injection		Synflorix/GSK, Prevenar 13/Pfizer, Pneumo-23/Aventis
		1	Rabies immunoglobulin (human)	Vial	150-300IU/ml	Favirab/Aventis, Rabuman/Hakimson, Berirab P/Hakimsons, Hyperrab/Talecris/Bayer/Popular
		1	Rotavirus vaccine	Oral/suspension		Rotarix Vaccine/GSK
		1	Tetanus toxoid (vaccine)	Injection		Tetanus Toxoid Vaccine/Serum Institute of India*, Imatet/Amson, Anatetal/Amson, Wartet Vaccine/Hi-Warble, Vax Tet/Genetech

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Immunosuppressive Medicines	Cytotoxic immunosuppressant		Tetanus immunoglobulin (human)	Injection	250 IU in vial	Tetagam-P /CSL Behringag Germany*/Hakimsons, Hypertet /Talecris/Popular, Tetuman /Hakimsons
			Tetanus immunoglobulin (human)	Injection	1500 IU in vial	Tetanea /Aventis, Tetanus Antitoxin /Pliva
		1	Azathioprine (as sodium salt)	Tablet	50mg	Pharmazorine /Pharmedic, Imuran /GSK, Azoprine /Global, Azathioprine /Turner Grahams
				Injection	50mg in vial	Azathioprine /Turner Grahams
	Cyclic peptide	1	Cyclosporin A	Capsule	25mg	Sandimmun Neoral /Novartis, Cipol-N /Hoffman, Cipol /Aster, Gramune /Graton, Neocyspin /Biocare
Anti-parkinsonism Drugs			Cyclosporin A	Capsule	50mg,100mg	Gramune /Graton, Neocyspin /Biocare, Sandimmun Neoral /Novartis, Cipol /Aster
	Antimuscarinic	1	Procyclidine	Tablet	5mg	Kempro /Adamjee, Kemadrin /GSK, Proscyclidine /Werrick, Procholidin /Zafa, Cyclidine /Pharmedic
	Dopamine precursor	1	Levodopa+carbidopa	Tablet	250mg+25mg; 100mg+25mg; 275mg+25mg	Neudopa /Platinum, Sinemet /MSD, Bidop /Biolab, Duodopa Fort /Wilson, Sinemet Extra /OBS
Antiseptics/Disinfectants	Biguanide antiseptic	1	Chlorhexidine digluconate (7.1%) (for umbilical cord care)	Gel/Solution	Equivalent to 4% chlorhexidine	Hexirub /Pharmawise, Chloro-4 /Medipak
			Chlorhexidine		1.5%W/V	Geniseptic /Genera, Liskotrin /Lisko, Plitol /Pliva, Chloro /Medisearch

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Surgical and Disposable Items		2	Chlorhexidine+ cetrimide	Solution	1.5% w/v+ 15%w/v	Sep Gard /Zafa, Bio-Sept /Ardin, Geniseptic /Genera, Seplon /Star
		1	Povidone-iodine	Solution	10%w/v	Pyodine Solution Brookes*, Povidide Soln /Mendoza, Govid /Glitz, Septinil /Valor
		2		Scrub	7.5%w/v	Pyodine Surgical Scrub /Brookes*, Povex / Indus, Septinil /Valor
		1	Absorbent cotton wool	Pack	500gm	Cotton Craft, Kohinor
		1	Adhesive tape (hypo allergenic)	Roll	1, 2 inch	Nito/Japan, Advantive/China
		1	Air ways disposable	Sterile packs	All sizes	Well Lead/China
		1	Blood bags(acdpi) with transfusion sets	Sterile packs		JMS
				Transfusion set		JMS
		1	Chromic catgut sterile	Sterile packs	0, 1,2, 2/0, 3/0, 4/0	Dynek/Australia, Demegut/USA
		1	Cord clamps disposable	Sterile packs		Hospital & Homecare/China
	1	Cotton bandage	Roll	6.5cm x2 meters; 0.5 in - 6 inches	Cotton Craft, Kohinor	

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
		1	Crepe bandage	Roll	7.5cm, 10 cm x 2.7 m	Plastocraft /Cotton Craft, Kohinor
		1	CVP lines	Sterile packs	Tripple lumen	Arrow International, Vygon Frnace, B.Braun Germany
		1	Endotracheal tubes (ett)	Sterile packs	Set of 12 (different sizes)	Vygon Frnace, Well Lead Medical/China, Chilecom Medical Devices/China
		1	LMA (laryngeal mask air way)	Sterile packs		Well Lead Medical Devices/China
		1	Examination gloves (latex)	Pairs	Box of 100 (small, medium & large size)	Top gloves/Malaysia, Maxitex/Malaysia, Safe Hand/Malaysia
		1	Foley's catheter (silicone coated/silicone)	Sterile packs	All sizes	Ribbel Int Ltd/India
		1	IV set	Sterile packs Blister		Medipak, Genome, Nipro
		1	IVcannula	Sterile packs	18g, 20g, 22g, 24g	Vasofix /B Braun, Farcocath /Egypt, B-Cat2 /Turkey
		1	Nasogastric (ng) tube	Sterile packs	Adult size 6; 8;10; 12; pediatric size 16; 18; 20	Well Lead Medical Sevices/China, Classic/China
		1	Plaster of paris bandage	Roll	10cm, 20 cmx6m	Gypsona/BSN Medical
		1	Polypropylene sterile sutures	Sterile packs	0. 1/0, 2/0, 3/0, 4/0	Prolene/Ethicon, Demelene/USA

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
		1	Polyglactin sterile sutures	Sterile packs	1, 2, 2/0, 3/0, 4/0, 6/0 (8mm)	Demesorb/USA, Vicryl plus/Ethicon, Biovek/Dyneke/Australia
		1	Scalp vein set	Sterile packs	Drap approved	JMS/Singapore, Nipro
		1	Silk sutures sterile	12/pack	0,1, 2/0, 3/0, 4/0, 8/0, 10/0	Dysilk/Dyneke/Australia, Mersilk/Ethicon, Demesilk/Demetech/USA
		1	Silk sutures sterile (on straight needle)	12/pack	0	Dysilk/Dyneke/Australia, Mersilk/Ethicon, Demesilk/Demetech/USA
		1	Spinal needle	Sterile packs	25g, 27g	B Braun subject to DRAP Registration
		1	Sterile guaze dressing	Sterile packs	7.5cmx7.5cm (10 ply)	Cotton Craft,Kohinor
		1	Sterile surgical gloves	Pairs	61/2, 7, 71/2, 8	Ansel, Vasco/B Braun, Maxitex/Malaya
		1	Surgical blades (carbon steel)	Sterile packs	Different sizes	Feather/Japan, Ribbel INT/India
		1	Syringe (auto-disable)	Sterile packs	1cc, 3cc, 5cc	B. D, Amson,Yushu
		1	Syringe disposable	Sterile packs	5cc,10cc, 20cc,50cc,60 cc-(catheter tip)	B. D, Amson, Nipro, Yusho, YMD Syringes, Genome, Nisa
		1	Urine bags	Sterile packs	2L & paediatrics	Nipro, Shah impex/China, AMD/China, YMS/China

Pharmacologic class	Sub-class	No	Generic name	Dosage form	Strength	Brands
Radio Contrast Media		1	Volumetric chamber (IV burette)	Sterile packs	100ml	Kawa Medical/China, JMS/China, AMD/China
		1	Clean delivery kits (Sterile packs)	1 bath soap, 50 gm wrapped; 1 apron; 2 pairs of latex examination gloves; 1 plastic under sheet 1square m; 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		Safdar Brothers, Silver Surgicals
		1	Iohexol	Injection	140mg to 350mg iodine/ml; 5ml; 10ml; 20ml ampoules	Iobrix /Hoffman, Omnipaque /Sci Tech, Monopaque /Graton, Omnipaque /Meximp Technologies
		1	Meglumine iodine	Solution	76%W/V; 370mg/ml	Urografin /Bayer, Gastrografin /Bayer