



To

1. All Chief Executive Officers (District Health Authorities) in the Punjab.
2. All Medical Superintendents of District Headquarter & Tehsil Headquarter Hospitals working under the administrative control of P&SHD.
3. All In-charges of Rural Health Centers (RHCs) in Punjab.

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

Please refer to this Department letter No.PSHD-TCO-I(M)6-14/2017 dated: 16th December, 2017 concerning policy and operational guidelines for local purchase of medicines (Day to Day).

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

Objective & Scope:

- i. LP in Government Hospitals is allowed to ensure fulfillment of immediate need of medical treatment of patient which is not possible from medicines and surgical & disposables available in hospital.
- ii. LP is allowed for emergencies and indoor patients department, on the prescription of authorized Consultants or Medical Officers only under following circumstances:

- a. Non-availability of prescribed medicines or its alternates within the hospital.
- b. Prescribed medicine or its alternate available but test/ analysis report from Drugs Testing Laboratory ("DTL") is awaited.

iii. LP from registered pharmacy will be patient specific on day-to-day basis. However, need of emergencies and indoor patient department (in case of non-availability) may be met through petty purchases 59 (a)/ petty purchases through quotation as per rule 59 (b) of Punjab Procurement Rules ("PPR"), 2014 from manufacturer/ authorized agent/ authorized distributor/ Pharmacy (Form-9) having valid Centralized Drugs Sale License ("CDSL"). Health Facility shall establish non-availability of prescribed item through an authorized Pharmacist/ In-charge Senior Medical Officer/ Consultant/ Medical Superintendent on case-to-case basis.

Financial Limit:

- iv. LP shall not be higher than the allocated budget of health facility for local purchase of medicines. LP budget may be used for purchases:
- Day to Day basis.
 - Petty purchases as per rule 59(a) of PPR-2014.
 - Petty purchases through quotation as per rule 59(b) of PPR-2014.

Bidder Evaluation Criteria:

- v. Following are the minimum pre-requisites for evaluation of a bidder:
- The bidder shall provide valid CDSL of preferably Pharmacy (Form No. 9 - issued on valid registration certificate of Pharmacist registered in Category-A under Pharmacy Act, 1967).
 - The bidder shall be an active tax payer.
 - Bidder will undertake to ensure availability of suggested formulary brands throughout the contract period.

19/2/1

Procurement Process:

- vi. Procuring Agency shall conclude procurement through Open Competitive mode as per PPR-2014.
- vii. All requisite documents (procurement plan, approval mechanism, evaluation report, contract etc.) must be uploaded on PPRA website in the light of circular of PPRA vide letter No. L&M(PPRA)10-01/2011 dated: 06-08-2021 (**Flag-A**).
- viii. The complete consolidated record of items and its quantities procured during (previous) financial year would be recorded and made available to bidders as "Reference Trend List" for estimation of frequency of procurement and offering maximum discounts.
- ix. Evaluation of the bids will be made by a notified Evaluation Committee.
- x. Approval/ finalization of procurement process will be made by Purchase Committee after due diligence and addressing of complaints (if any) by the Grievance Redressal Committee.
- xi. Discounts will be calculated on Maximum Retail Price ("**MRP**") fixed by Drugs Regulatory Authority of Pakistan ("**DRAP**"). The bidder shall quote/ offer discounts on all three categories (Local Manufacturers, Multinational Manufacturers and Surgical & Disposables items).
- The contract shall be awarded to the contractor as per PPR-2014 offering maximum discounts on below mentioned three categories (tentative illustration for determination of successful bidder is at page 7):
- For Local Manufacturers (Medicines)
 - For Multinational Manufacturers (Medicines)
 - For Surgical & Disposables items
- xiii. Preference in issuance of order amongst the suggested brands will be given to lowest in cost.

- xiv. Maximum effort should be put in to procure the suggested brands prescribed in the latest edition of Punjab Medicine Formulary ("**PMF**" is at **Flag-B**). The rationale for suggestive brands is the trusted quality through analysis by DTL, input of end users and maximum market availability.
- xv. The items like surgical/ disposables, biologicals, whose testing facilities are limited in Pakistan, can be procured outside PMF provided that the purchase process ensure the following:
- The selected brand(s) are approved by the Hospital Pharmacy & Therapeutics Committee ("**P&TC**")/ Pharmacovigilance Committee (where applicable).
 - The selected brand (s) are registered / enlisted by the Drug Regulatory Authority of Pakistan ("**DRAP**"). In case of unregistered item, Procuring Agency may approach Drugs Control Wing ("**DCW**") for No Objection Certificate from DRAP.
- xvi. The contractor/ vendor shall be bound to provide bill warranty as per prescribed format of prevailing drugs law/ rules.
- xvii. 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.

Alternative method:

- xviii. Natural calamities and emergencies have different set of rules & SOPs and will be dealt as per provision of emergency under PPR-2014.

Local Purchase Portal and Record Keeping:

- xix. LP process shall be carried using online LP portal of the Primary & Secondary Healthcare Department ("**P&SHD**").
- xx. A password & login issued to Focal Person for data entry in LP portal.
- xxi. Profile of contractor along with CDSL number shall be filled and uploaded on LP Portal with DSL.
- xxii. LP process & order will be dispensed through LP Portal and purchase order will be initiated with the orders of Consultants/ Medical Officer through prescription that will be maintained as record of LP.
- xxiii. Purchase data of petty purchases 59(a) - 2014 and petty purchases through quotation 59(b) - 2014 other than LP shall also be uploaded on LP Portal in quotation column. CDSL number of authorized distributors/ authorized agents will also be uploaded. Order price shall not be higher than trade price of the product.
- xxiv. The procedure to use online LP portal is attached as **Flag-C**. No LP shall be made without data entry in LP portal. In addition, following details shall be entered on manual LP register as well:
- Date of LP, indent/ request number, details of the medicine procured (brand name, batch number, manufacturer, expiry date, MRP, quantity

- demanded, quantity supplied, Good Receipt Note ("GRN") or Delivery Challan details or Details of Invoice/ Bill.
- xxv. The Contractor will submit invoice/ bill with supply on daily basis. Supply will be received through In-charge/ Hospital Pharmacist/ Medical Superintendent/ Consultant with same brand that was mentioned in the purchase order with batch and expiry date mentioned in GRN or Delivery Challan. The bill/ invoice must be in accordance with supplied brand.
- xxvi. The Hospital administration may use a Team/ Committee for the 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.

Methods to Reduce LP:

- xxvii. Local purchase costs the Government higher price in comparison to bulk purchases. Therefore, the aim is to reduce the incidences of LP by following mechanisms;
- a. Initiation and conclusion of bulk purchase process timely.
 - b. Utilization of alternative methods of procurement like 59(a) & 59(b) of PPR-2014 and by conducting risk purchases without splitting of procurements.
 - c. Vigilant monitoring on bulk supplies and active follow-up of DTL reports.
 - d. Mathematical tools like threshold Quantities, re-order points, consumption rates and trends should be used to optimize procurement.
 - e. Supervision of LP process by the Chief Executive Officer of concerned DHA.
 - f. An annual report of LP of top 100 medicines, according to the budget consumed, shall be forwarded to the Procurement Advisory Cell ("PAC"), through respective Chief Executive Officer (District Health Authority) by the last week of February on the following format:

Sr #.	Health Facility	Generic name	Quantity	Price (in M)

- g. PAC shall forward annual report to Directorate General Health Services ("DGHS").

Regulatory Requirements:

- xxviii. LP processes shall comply with the regulatory requirements set by the Federal and / or Provincial Government like PPR 2014, the DRAP Act 2012/ the Drugs Act 1976 and all relevant rules framed thereunder.

Division of responsibility/ Stake Holders:

- xxix. The policy and PMF shall be reviewed from time to time by the PAC and DCW respectively.
- xxx. The development wing will upload allocated budget of LP in Portal.

- xxxi. In case any health facility prefers to procure item of brands other than mentioned in PMF, the Medical Superintendent (MS) / In-charge of such health facility will forward case to DCW of P&SHD for inclusion of brand in PMF.
- xxxii. A Focal Person/ Pharmacist shall be designated by the MS of each hospital for communication with PAC and DCW. Quarterly report will be communicated to PAC along with details of measures taken.
- xxxiii. Health facility may seek clarification for any clause of this policy from PAC as and when required.
4. This policy shall supersede all the previous policies/ circular related to local purchase system.

AG = Man
29/6/2022
(ALI JAN KHAN)
SECRETARY
P&SH DEPARTMENT

NO. & DATE EVEN:

- A copy is forwarded for information and necessary action to:
1. The Director General Health Services, Punjab, 24-Cooper Road, Lahore.
 2. The Director General, Drugs Control, Punjab, 48/1 Kacha Lawrence Road, Lahore.
 3. Additional Secretary (Development), P&SH Department.
 4. All the Deputy Commissioners in Punjab.
 5. General Manager, Govt. Medical Store Depot, Gulberg -III, Lahore.
 6. Project Director, Project Management Unit, P&SH Department.
 7. Chief Executive Officer, Punjab Health Facilities Management Company, Lahore.
 8. 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. He is also requested to upload the same on the official website of the Department.
 9. P.S.O to Secretary, P&SH Department.
 10. PAs to Special Secretary (Ops./Dev.), P&SH Department.
 11. PAs to Additional Secretary (Drugs/Tech./Vertical), P&SH Department.

Man
DEPUTY SECRETARY (DRUGS CONTROL) /
IN-CHARGE PAC, P&SH DEPARTMENT

Key Considerations

1

Procurement will be made through Open competitive mode as per PPR 2014. All requisite documents will be uploaded.

2

Registered Pharmacy having valid CDSL (Form No. 9 - Category-A) shall be preferred.

3

Non-Availability shall be established through an authorized Pharmacist/ In-charge SMO / Consultant/ Medical Superintendent.

4

LP through pharmacy will be patient specific and day to day basis. Preference will be given to lowest cost amongst the suggested brands.

5

Emergencies & Indoor Department demand (in case of non-availability) will be accomplished through petty purchases (59-A, PPR 2014)/ petty purchases through quotation (59-B, PPR-2014).

6

LP Budget may be used for Day to Day, Petty Purchases & Petty Purchases through Quotation.

7

Vendors details with CDSL Number will be updated in LP Portal and all Purchase Orders will be generated through system.

8

Petty Purchases/ Petty Purchases through quotation will be made through manufacturer/ authorized distributor/ authorized agents/ Pharmacy (Form-9) having valid CDSL. Approved prices shall not be higher than trade price of the product.

9

LP will be made within the budgetary allocation. All data must be uploaded on LP portal. Payments will be made in accordance with the supplies received.

KEY CONSIDERATION FOR SUCCESSFUL BIDDER DETERMINATION (ILLUSTRATION)

Bidder	Weightage (Approx.)	Offered Discounts %			Evaluation of Lowest		
		XX Pharmacy	XY Pharmacy	XZ Pharmacy	XX Pharmacy	XY Pharmacy	XZ Pharmacy
		e.g.,	e.g.,	e.g.,			
Local Manufacturer	0.5	8 %	9 %	9 %	$8 \times 0.5 = 4$	$9 \times 0.5 = 4.5$	$9 \times 0.5 = 4.5$
Multinational Manufacturer	0.3	6 %	5 %	4 %	$6 \times 0.3 = 1.8$	$5 \times 0.3 = 1.5$	$4 \times 0.3 = 1.2$
Surgical & Disposables	0.2	20 %	22 %	25 %	$20 \times 0.2 = 4$	$22 \times 0.2 = 4.4$	$25 \times 0.2 = 5$
Aggregate					9.8	10.4	10.7
							Successful Bidder

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Tel: 042-99205593
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Fax: 042-36284776

No. L&M(PPRA)10-01/2011.
GOVERNMENT OF THE PUNJAB
PUNJAB PROCUREMENT REGULATORY AUTHORITY
SERVICES AND GENERAL ADMINISTRATION
DEPARTMENT

304-T, 3rd Floor Al-Falah Building, The Mall Lahore.

Dated Lahore, the 06th August, 2021

CIRCULAR

Subject:- **INSTRUCTIONS FOR UPLOADING OF PROCUREMENT RELATED DOCUMENTS.**

During the monitoring exercise, it has been observed that most of the procuring agencies do not upload the required documents related to procurement transactions on the website of the Punjab Procurement Regulatory Authority (PPRA). Punjab Procurement Rules-2014 (PPR-14) envisages mandatory uploading of different documents; while certain other documents are also required to be uploaded in order to improve governance, management, transparency, accountability and quality of public procurement. Hence, under Section-5(1) and 5(2)(f) of PPRA Act-2009, following instructions regarding uploading of procurement related documents are being issued after the approval of PPRA Board of Management:-

Sr. No	Document Name	Relevant Provision of PPRA Act-2009/PPR-14	Mandatory/ Optional
1	Annual Procurement Plan	Section-5(1), 5(2)(f) & Rule-8	Mandatory
2	Approval Mechanism	Rule-9	Mandatory
3	Tender Notice	Rule-12	Mandatory
4	Expression of Interest	Rule-47	Mandatory

5	Prequalification Notice	Rule-12	Mandatory
6	Request for Proposal (RFP)	Section-5(1), 5(2)(f) & Rule-48	Mandatory
7	Auction /Sales/Disposal	-	Optional
8	Corrigendum/ Addendum	Rule-29 Rule-25(4)	Mandatory
9	Bidding Documents (RFT)	Rule-25(1)	Mandatory
11	Prequalification Document (PQD)	Rule-25(1)	Mandatory
12	Deposit Slips	PPRA Circular	Mandatory
13	Evaluation Report	Rule-37	Mandatory
14	Contract Award Letter (Agreement Copy)	Section-5(1) & 5(2)(f)	Mandatory
15	P&D Prequalified Firms	Rule-16	Mandatory
16	Enrollment of Suppliers (for availing PPRA online alerts)	-	Voluntary
17	Public Sector Organizations Enlistment	Rule-59(e) & Rule-61	Mandatory
18	Blacklisting Order	Rule-21(2)(a) & para-12 of the schedule providing blacklisting mechanism or process appended to PPR-14.	Mandatory
19	Blacklisting Removal Order	Para-16 of the schedule providing blacklisting mechanism or process appended to PPR-14.	Mandatory

2. It is, therefore, advised that all the procuring agencies across the province of Punjab shall ensure uploading of required documents as per aforementioned

list/detail. It is further apprised that cut of date after which action shall be taken against the delinquents is **30th September, 2021.**

**WITH THE APPROVAL OF
PPRA BOARD OF MANAGEMENT**



(BABAR AMAN BABAR (PAS))
Managing Director, PPRA S&GAD

6th August, 2021.

No. & Date even.

A copy is forwarded for information and necessary action to:-

1. The Senior Member, Board of Revenue, Punjab.
2. The Chairman, Planning & Development Board.
3. The Inspector General of Police, Punjab.
4. The Accountant General, Punjab.
5. All the Administrative Secretaries, Govt. of the Punjab.
6. All the Divisional Commissioners in Punjab.
7. All the Heads of Attached Departments, Punjab.
8. All the Heads of Autonomous Bodies, Punjab.
9. The Director General Anti-Corruption Punjab.
10. All the Deputy Commissioners in Punjab.
11. PSO to the Chairman PPRA/Chief Secretary, Punjab.
12. PSO to the Additional Chief Secretary, Punjab.
13. Web-Developer/Data Administrator, PPRA with the direction to immediately upload the same on the website of the PPRA.
14. PS to MD, PPRA.



SENIOR LAW OFFICER
PPRA S&GAD

6/8/21

CC:

1. The Registrar, Lahore High Court Lahore.
2. The Director General NAB, Lahore.
3. The Ombudsman, Punjab.

DRUGS AND DEVICES (FORMULARY)

Analgesic and Anti-Pyretic Drugs

Non-Steroidal Anti-inflammatory Drugs

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Paracetamol	Tablet	500mg	Disprol (Reckitt), Panadol (GSK), Calpol (GSK), Febrol (Barrett), Relifal (Nabi Qasim),
2.	Paracetamol	Suspension/Syrup	120mg/5ml	Disprol (Reckitt), Panadol (GSK), Calpol (GSK), Febrol (Barrett), Tempol (Woodwards),
3.	Paracetamol	Infusion	1g/100ml	Bofalgan (Bosch), Feneral (Surge), Provas (Sami), Acetamol (Vision Pharma.)
4.	Paracetamol	Drops	0.8mg/0.8ml	Panadol (GSK), Pedrol (Stanly Pharma.)
5.	Paracetamol	Suppositories	125 mg, 150mg, 250mg	NAPA (Bex Pharma), Parasup (Matrix Pharma),
6.	buprofen	Tablet	400mg	Brufen (Abbott), Actifen (GSK), Isen (ICI),
7.	Ibuprofen	Syrup	100mg/5ml	Brufen (Abbott), Ruberin (Woodwards), Xiben (Pacific),
8.	Diclofenac Sodium	Tablet/Capsule	50mg	Sofac (Saffron), Dicloran (Sami), Voren (Asian), Megafenac (Mega), Voltral (Novartis), Noltren (Medipak), Phlogin (Brookes),
9.	Diclofenac Sodium	Injection	25mg/ml	Dicloran (Sami), Sofac (Saffron), Artifen (Abbott), Voltral (Novartis), Phlogin (Brookes), Voren (Asian), Artecid (Biolabs), Diclozaf (Zafa), Dinofac (S.J. & G. Fazul Ellahie.)
10.	Diclofenac Sodium	Ointment/Gel	1% w/w	Voltral (Novartis),
11.	Diclofenac Potassium	Tablet/Capsule	50mg	Caflam (Novartis), Artimov-K (Barrett), Declam (Searle), Diclorep (Sami),
12.	Ketorolac	Injection	10mg/ml, 30mg/ml	Toradol (MartinDow), Tromit (Standpharm), Ketrolac (Searle), Torajcet (Surge), Toralac (Global),

13.	Piroxicam	Tablet/Capsule	10mg, 20mg	Feldene (Pfizer), Osteocam (Mega), Exican (Novamed), Brexin (Chiesi), Feldene (Pfizer), Nicep (Medi Save), Pcam (Merck)
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Analgesic and Anti-Pyretic Drugs

Opioids & Non-Opioid analogs

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Nalbuphine	Injection	10mg/ml, 20mg/ml	Kinz (Sami), Sonotic (Brookes), Nalbin (Global), Buphain (Macter), Naldol (Saffron), Aknal (Akhai), Nubin (Searle), Nalbe (Wimits), Nalbin (Global), Nixa (Schazoo)
2.	Tramadol	Injection	50mg/ml	Tramal (Searle), Tonoflex (Sami), Tradol (Global), Pantra (Getz), Ashdol (Healthcare), Ramol (Macter), Tremendous (Biolabs),
3.	Tramadol	Tablet/Capsule	50mg	Tramal (Searle), Tonoflex (Sami), Tradol (Global), Pantra (Getz), Ashdol (Healthcare), Ramol (Macter), Tremendous (Biolabs),
4.	Morphine	Injection	10mg/ml, 15mg/ml, 20mg/ml, 30mg/ml	Morphine (PDH), Morfscot (Scotman), Morphine (LCPW),
5.	Morphine	Tablet/Capsule	10mg, 30mg	Magnus MR (AGP), Qonza (Wilshire),

Systemic Anti-Allergics and Drugs used in Anaphylaxis

Antihistamines

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Cetirizine	Tab	10mg	Zyrtec (GSK), Ronex (Hilton), Cetrin (Saffron),
2.	Lortadine	Syrup/Drops	5mg/5ml	Antial(Sami), Senergy-OD (Highnoon), Softin (Werrick)
3.	Pheniramine Maleate	Injection	22.7mg/ml	Avil (Sanofi), Annvil (Venus), Plivil (Pliva), Ilwil (Danas), Etilvil (Elite), Allervil (Indus), Amevil (Ameer), Alergifen (Neuro) Amrovil (Amros)
4.	Chlorpheniramine Maleate	Tablet	4mg	Piriton (GSK), Allervil (Indus), Histamol (Epla), Allerphene (PDH),
5.	Dexamethasone	Injection	4mg/ml	Fortecortin (Merck), D-Cort (Brookes), Decadron (OBS), Dexonil (Global),
6.	Dexamethasone	Tablet	0.5mg	Dexamethasone (Tabros), Dexamethasone (Geofman), Methazone (Semos),

Systemic Anti-Allergics and Drugs used in Anaphylaxis

Corticosteroids

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Hydrocortisone	Injection	100 mg, 250 mg	Solu Cortef (Pfizer), Hyzonate (Amson), Hydrocort (Akhai), Hyzonate (Amson),
2.	Prednisolone	Tablet	5 mg	Deltacortril (Pfizer), Prednisolone (LCPW), Rapicort (Tabros), Presolone (Geofman),
3.	Methyl Prednisolone	Injection	125mg, 500mg, 1g	Solu-Medrol (Pfizer), Depo-Medrol (Pfizer), Methypred (Haji Medicine),

Anti-dots

Nil

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Activated Charcoal	Capsule	260mg	Eucarbon (Bio Pharm), Karbon (NeoMedix),
2.	N-Acetyl Cysteine	Sachet	200mg	Mucolator Sachet
3.	N-Acetyl Cysteine	Infusion	0.4g/L	
4.	Naloxone	Injection	0.4 mg/ml	Naloxo-X (Bajwa),
5.	Desferrioxamine	Injection	500mg	Desferal (Novartis)
6.	Desferrioxamine	Tablet	400mg	Dasirox (CCL), Xefra (Global), Asunra (Novartis)
7.	Dimercaprol	Injection	Any available Strength	
8.	Flumazenil	Injection	100mcg/ml	Anexate (Martin Dow),
9.	Pralidoxime	Injection	10mg/ml	P-Doxime (Atco), Contrathion (Acti-Med),
10.	Protamine Sulphate	Injection	Any available Strength	Protamine Sulphate (Zam Zam Corporation), Protamine Sulphate (LCPW),
11.	Methylene Blue	Injection	Any available Strength	
12.	Atropine	Injection	1mg/ml	Atropine (Venus), Atropine (Bajwa), Atropine (AmeerAdnan), Atropine (Elite), Atropine (PDH),

Anaesthetics & Intensive Care Drugs

Local Anaesthetics

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Lignocaine	Injection	200 mg/10ml	Lidoject (Surge), Xylocaine (Barrett), Xylox (Venus), Ligwim (Wimits), Ruscain (Fynk), Lignocain (Elko), Ligocane (Global),
2.	Lignocaine	Gel	2 % W/V	Aerocaine (Hoover), Lignocaine (LCPW/Howards), Xylocaine (Barrett), Lignocar (Healthcare), Xyloaid (Barrett),
3.	Lignocain + Epinephrine (Dental cartridge)	Injection	20/0.01 mg	Xylocaine (Barrett), Medicain (Huons Co),
4.	Bupivacaine	Injection	5 mg/ml, 7.5 mg/ml	Glocain (Global), Abocain (Abbott), Sensocain (Brookes),
5.	Bupivacaine (Spinal)	Injection	5 mg/ml, 7.5 mg/ml	Abocain spinal (Abbott), Bupicain (LCPW), Sensocain (Brookes), Nervlok (Surge),

Anaesthetics & Intensive Care Drugs

General Anaesthetics

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Propofol	Injection	10 mg/ml	Propofol Lipuro (Bbraun Germany), Pofol (Akhai), Propofol (Abbott), Pofol (Dongkook Korea/Allied Distributors), Fresofol (Medipak), Diprivan (ICI),
2.	Isoflurane	Inhalation	2 %w/v,	Restane (Piramal Critical Care USA /Allied Distributors), Forane (Aesica Queenborough UK/Getz*), Sevoflurane (Aesica Queenborough UK/Abbott*),
3.	Sevoflurane	Inhalation	0.99	Sevoflurane (Aesica Queenborough UK/Abbott*),
4.	Ketamine	Injection	50 mg/ml	Ketwin (Wimits), Ketazol (Indus), Ketlar (Akhai), Ketarol (Global),

Anaesthetics & Intensive Care Drugs

Other Drugs used in Anaesthesia

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Neostigmine + glycopyrolate	Injection	0.5/2.5mg	Pyrolate-N (Brooke), Neo-pyrolate (Brookes),
2.	Suxamethonium	Injection	20 mg/ml, 50 mg/ml, 100 mg/ml, 100 mg/5ml	S-Choline (Akhai), Suxal (Global), Suxamethonium (Haji Medicine), Pantolax (AGP), Neuronium (Surge),
3.	Atracurium	Injection	10 mg/ml, 50 mg/ml, 50 mg/5ml, 25 mg/2.5ml	Acuron (Brookes), Tracium (GSK), Atrelax (Abbott), Efacuriun (Surge),
4.	Midazolam	Injection	1 mg/ml	Hypozam (Brookes), Dormicum (MartinDow), Midozam (Akhai), Idazol (Bosch), Sedazolam (Schazoo)

Anti-Infectives

Anti-Bacterial Drugs

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Ampicillin	Injection	250mg, 500mg	Ampicillin (China), Ampipan (PDH), Ampin (Bosch), Zyncillin (English), Zampicillin (Zafa)
2.	Amoxicillin	Suspension	125 mg, 125 mg/5ml, 250 mg/5ml, 500 mg/5ml	Amoxil (GSK), Maxil (Macter), Supramox (Bosch),
3.	Amoxicillin	Capsule	250 mg, 500 mg	Amoxil (GSK), Maxil (Macter), Supramox (Bosch),
4.	Co-Amoxiclav	Injection		Augmentin (GSK), Calamox (Bosch), Amclav (Getz), Amoxi-Clav (Novartis), Stamentin (Stanley)
5.	Co-Amoxiclav	Tablet		Augmentin (GSK), Calamox (Bosch), Amclav (Getz), Amoxi-Clav (Novartis), Co-amoxi (Macter), Stamentin (Stanley)
6.	Co-Amoxiclav	Suspension		Augmentin (GSK), Calamox (Bosch), Amclav (Getz), Amoxi-Clav (Novartis), Co-amoxi (Macter), Stamentin (Stanley)
7.	Piperacillin + Tazobactam	Injection		Tanzo (Bosch), Tazopip (ICI), Tacip (Macter), Talzon (Getz),
8.	Ceftriaxone	Injection	500 mg, 1 g, 2 g	Rocephin (Matin Dow), Norbac (Vision), Oxidil (Sami), Aczon (Global), Dayline (High-Q), Inocef (Barrett), Chronceph (English), Cefocef (EG)
9.	Cefixime	Tablet/Capsule	200mg, 400mg	Cefiget (Getz), Caricef (Sami), Cebosch (Bosch), Cef-OD (CCL), Fixval (GSK),
10.	Cefixime	Suspension	100mg/5ml, 200mg/5ml	Cefiget (Getz), Caricef (Sami), Cebosch (Bosch), Cef-OD (CCL), Fixval (GSK),
11.	Cefipime	Injection	500mg	Axepime (EG Pharma), Cefstar (Barrett), Daypime (High-Q), Maxipime (GSK),
12.	Fosfomycin	Injection	1g	Foscin (Tabros), Fosomin (CCL),
13.	Rifaximin	Tablet	200mg, 550mg	Nimixa (Getz), Rifaxa (Ferozsons), Helifax (Helix), Nixal (Sami),
14.	Meropenem	Injection	500mg, 1g	Meronem (Pfizer), Meroget (Getz), Penro (Bosch), Merpen (ICI), Ropen (Macter),

				Merem (Global),
15.	Vancomycin	Injection	500mg, 1g	Vancomycin (Abbott), Vanbact (Nabiqasim), Vinject (Bosch),
16.	Linezolid	Injection		Ecasil (Sami), Nezkil (Continental), Volinza (Wilshire), Sololid (Healthcare),
17.	Linezolid	Tablet	400mg, 600mg	Ecasil (Sami), Nezkil (Continental), Volinza (Wilshire), Sololid (Healthcare),
18.	Azithromycin	Tablet/Capsule	250mg, 500mg	Azomax (Novartis), Azitma (Sami), Zetro (Getz), Azotak (Saffron), Azotrax (Wimits), Zitro (Glitz),
19.	Azithromycin	Suspension	200mg/5ml	Azomax (Novartis), Azitma (Sami), Zetro (Getz), Azotak (Saffron), Azotrax (Wimits), Zitro (Glitz),
20.	Amikacin	Injection	250mg, 500mg	Amkay (Bosch), Grasil (Sami), Amikacin (Zafa), Oximit (Wimits),
21.	Ciprofloxacin	Injection	200mg/100ml	Qilox (Bosch), Novidat (Sami), Cip-Val (GSK), Cipesta (Getz), Gencipro (Brooks), Stericipro (FDL), Ciplet (Indus), Cinoflox (SJ&G)
22.	Ciprofloxacin	Tablet/Capsule	250mg, 500mg	Novidat (Sami), Cip-Val (GSK), Cipesta (Getz), Ayacin (Healthcare), Ciproxin (Bayer),
23.	Moxifloxacin	Tablet/Capsule	200mg, 400mg	Moxiget (Getz), Avilox (Byer), Izilon (Bosch), Mofest (Sami), Microcid (Saffron), Maxflox (Searle), Xiefecta (Hilton),
24.	Moxifloxacin	Injection	400mg	Moxiget (Getz), Avilox (Byer), Izilon (Bosch), Mofest (Sami), Microcid (Saffron), Maxflox (Searle), Xiefecta (Hilton), X-lox (High-Q)
25.	Co-Trimoxazole	Tablet/Capsule		Septran (GSK), Wiltran (Wilshire), Bactrim (Roche),
26.	Co-Trimoxazole	Suspension		Septran (GSK), Wiltran (Wilshire), Bactrim (Roche),

Anti-Infectives

Anti-tubercular & Anti-Leprosy Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Isoniazid			Isozide (Nabi Qasim), INN (PDH), Isozide (Amson), Isoniazid (LCPW), Isoniazid (Geofman),
2.	Rifampicin			Lederrif (Pfizer), Rifadin (Pacific), Rimactal (Novartis), Rifac (Geofman), Abrifam (Abbott), Rifampicin (LCPW),
3.	Pyrazinamide			PZA Ciba (Novartis), Pyrazid (Schazoo), Pyrazinamide (Pfizer), Pyrazinamide (Geofman),
4.	Ethambutol			Abbutol (Abbott), Schazobutol (Schazoo), Butal (Novartis), Ethambutol (LCPW), Myambutol (Pfizer),
5.	Streptomycin			Streptomycin (PDH),
6.	Isoniazid + Rifampicin + Pyrazinamide			Rimcure (Novartis), Rifapin H Junior (Schazoo),
7.	Isoniazid + Rifampicin + Pyrazinamide + Ethambutol			Myrin-P Forte (Pfizer), Rimstar (Novartis), Rifa 4 Plus (Schazoo), Rifin Forte (Pacific),
8.	Isoniazid + Rifampicin + Ethambutol			Myrin (Pfizer), Rimthree FDC (Novartis), Rifatol (Schazoo), Rifin E (Pacific),

Anti-Infectives

Anti-Viral Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Acyclovir	Tablet	200mg, 400mg, 800mg	Zovirax (GSK), Aclova (Akhai), Cycloz (Highnoon), Clovirex (Brookes), Supraviran (Searle), Cycloz (Highnoon), Acylex (Ferozsos), Acyclovir (Abbott)
2.	Acyclovir	Suspension	200mg/5ml	Cycloz (Highnoon), Acylex (Ferozsos), Acyclovir (Abbott)
3.	Acyclovir	Injection	250mg, 500mg	Zovirax (GSK), Aclova (Akhai), Acyclovir (Abbott), Cycloz (Highnoon), Supraviron (Searle), Acyclovir (Abbott)
4.	Acyclovir	Cream	5% w/w	ZoviraxTopical (GSK), Zoraxin Topical (Valor), Acylex-Topical (Ferozsos), Supraviron (Searle), Clovirex (Brookes), Cycloz (Highnoon),
5.	Acyclovir	Eye ointment	3% w/w	Ophth-Cyclovir (Ophth), Cycloz (Highnoon), Santovir Eye (Sante), Lovir (Remington),
6.	Tenofovir	Tablet	300mg	Viread (Ferozsos), Vireof (Macter), Tenof-B (Getz),
7.	Entecavir	Tablet	0.5mg, 1mg	Tacavir (CCL), Ecavir (Macter), Cavira (Brookes),
8.	Ribavirin	Syrup	50mg/5ml	Ribazole (Getz), Xolox (Ferozsos),
9.	Lamivudine	Capsule	200mg, 400mg, 600mg	Viron (Macter), Ribazole (Getz), Rybio (Sami), Xolox (Ferozsos),
10.	Sofosbuvir			
11.	Daclatasvir	Tablet	200mg/ 400mg	Sofiget (Getz), Sofomac (Macter), Myhep (AGP), Sovladi (Ferozsos),
12.	Remdesivir			
13.	Oseltamvir			
14.	Interferon Alpha 2b			

Anti-Infectives

Anti-Fungal Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Fluconazole	Capsule	50mg, 100mg, 150mg, 200mg	Diflucan (Pfizer), Zolanix (GSK), Fluderm (Nabi Qasim), Beconazole (Schazoo), Diflucan (Pfizer), Flu-Z (Z- Jeans),
2.	Clotrimazole	Skin cream	1%w/v	Stiemazol (GSK), Canesten (Bayer), Dermosporin (Nabi Qasim), Lotrigen (Dermagen),
3.	Clotrimazole	Vaginal cream	10%w/v	Gynosporin (Nabi Qasim), Canesten (Bayer), Vaginet-I (Bloom),
4.	Clotrimazole	Vaginal tablet	100mg, 500mg	Gynosporin (Nabi Qasim), Oligyn-1 (Platinum), Barresten (Barrett), Canesten (Bayer),
5.	Clotrimazole	Lotion	0.01	Stiemazole (GSK), Cremazole (Valor), Canix (Crystolite),
6.	Nystatin	Drops	100,000IU/ml	Nilstat (Wyeth), Myconil (Amson), Nylosin (Bryon),
7.	Voriconazole			
8.	Amphotericin- B	Injection	50mg	Anfotericina FADA (Medinet), Anfogen (Bioscience/Ferozsons),
9.	Amphotericin- B Liposomal			

Anti-Infectives

Anti-Protozoal Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Albendazole	Suspension	100mg/5ml	Zentel (GSK), Alovac (Siza), Albagen (Genera), Benda (Pharmedic), Albendix (Neo Medix),
2.	Albendazole	Tablet	200mg	Zentel (GSK), Aliz (Glitz), Albendix (Neo Medix), Bendazol (Stanley), Albendol (Global), Benda (Pharmedic),
3.	Mebendazole	Tablet	100mg, 500mg	Vermol (Woodwards), Vermin (Adamjee), Deworm (Merck), Nemazole (GSK), Deworm (Merck), Erizole (Efroze),
4.	Sodium Stibogluconate	Injection	333mg	Stibotim (Star),
5.	Chloroquine Phosphate	Syrup	50mg/5ml	Nivaquine-P (Aventis), Cloquin (Woodward), Resochin (Bayer), Geoquin (Geofman),
6.	Chloroquine Phosphate	Tablet	250mg	Resochin (Bayer), Nivaquine-P (Aventis), Efroquine (Efroze), Chloroquine (Tabros),
7.	Artemether + Lumefantrine	Tablet	20mg+120mg	Neo-Cotecxin (Amson), Malera (Barrett), Malgo (CCL), Co-Falcim (Medi Save), Arceva (Sami), Artem Plus (Hilton), Artecxin (Highnoon), A-Fantrine (Atco)
8.	Metronidazole	Tablet	200mg, 400mg	Klint (Sami), Flagyl (Aventis), Metrozine (Searle), Abozole (Abbott), Diazole (BBRaun),
9.	Metronidazole	Infusion	500mg/100ml	Sterimet (FDL), Medigyl (Medipak), Flagyl (Aventis), Metronidazole (Braun Malaysia), Abozole (Abbott), Diazole (BBRaun), Metrozine (Searle), Flazol (Bosch)
10.	Metronidazole	Suspension	200mg/5ml (benzoate)	Metrozine (Searle), Klint (Sami), Flagyl (Aventis), Diazole (BBRaun),

Drugs Affecting Blood & Nutrition

Anti-Anemic Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Folic acid	Tablet/Capsule		Fefol (GSK), Fefan (Amson),
2.	Iron + Folic Acid	Syrup	50mg/5ml	Bisleri (Sami), Ferfix (Getz), Ferrosoft (Hilton), Femtol (Remington),
3.	Iron (III) Polymaltose Syrup	Tablet		Revitale-B (GSK), Becefol (Abbott), Fefol-Vit (GSK), Bevidox (Abbott), Neurobion (MartinDow),
4.	Vitamin B-complex	Tablet	500 mcg	Amcobal (Amson), Methycobal (Hilton), Cobalmin (Macter), Neuromet (MartinDow),
5.	Erythropoeitin	Injection	20mg/ml, 100mg/ml	Epokine (RG Pharma), Espogen (Hoffman), Eritrogen (Ferozsans), Epotin (MartinDown), Ropo (Sami), Epocan (Macter)
6.	Iron sucrose	Tablet		Bisleri-S (Sami), Clefer (Roche), G-Fer (Global), Ivefer (Barret), Venofer (RG), Ferrosoft-S (Hilton)

Drugs Affecting Blood & Nutrition

Vitamin Deficiency

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Ascorbic acid	Tablet/Capsule	250mg, 500mg	Abbott (Vitamin C), Amros (Redoxon), Bayer (Vitamin C), Geofman
2.	Calcium carbonate + Cholecalciferol	Tablet		Cac-1000 (Novartis), Qaslan-D (Novartis)
3.	Pyridoxine	Injection	50mg/ml	Neurobion (Merck) Vit B6 (Pliva)
4.	Cholecalciferol	Injection	5mg/ml	DX3 (Macter) Dople-3 (Saffron) D-Tres (Sami) Trick-D (Surge) Miura-D (Getz), Indrop-D (Neutro), Sunny -D (Scotman)

Drugs Affecting Blood & Nutrition

Hemostatic

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Tranexamic acid	Injection	250mg, 500mg	Hilton (Maxna), AGP (Traxacid), Asian , Transamine (Hilton), Btrol (Bosch)
2.	Tranexamic acid	Tablet/Capsule		AGP (Traxacid), Asian (Transamin), Hilton (Haematrix), Macter
3.	Vitamin K	Injection		K-Lot (GT Pharma), Vita-K (English)

Drugs Affecting Blood & Nutrition

Hematopoietic agent

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Filgrastim	Injection		Auspogen (Global), Filgen (Ferozsons), Grastin (CCL), Neulastim (Roche), Amgofil (Amgomed), Neutrofil (Atco), Neupogen (Roche),

Drugs Affecting Blood & Nutrition

Blood Products

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Human Albumin	Injection		Albumin (Nabi Qasim), Albumin (Hakimsons), Plasbumin- 20 (Bayer/Popular), Albumin Human (Genesis), Albutein (S Ejazuddin), Albumeon (IBL), Plasbumin 25 (Bayer/Popular), Human Albumin (Hakimsons)
2.	Anti-D	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),

Drugs Affecting Blood & Nutrition

Electrolytes, IV infusions and plasma substitutes

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Dextrose 5%	Infusion	500 ml	Unisol (Unisa), Zeesol (Shahzeb),
2.	Dextrose 10%	Infusion	25 ml	Unisol (Unisa), Zeesol (Shahzeb), Pladex 25% (Otsuka),
3.	Dextrose 25%	Infusion	500 ml	Unisol (Unisa), Zeesol (Shahzeb), Pladex 25% (Otsuka),
4.	Dextran 40 / Plasma Substitute	Infusion	1000 ml, 500ml	Unisol (Unisa), Zeesol (Shahzeb),
5.	Dextrose Saline (5% W/V)	Infusion	5 ml, 10 ml	Unisol (Unisa), Zeesol (Shahzeb),
6.	Water for Injection	Infusion	500 ml, 1000 ml	Unisol (Unisa), Zeesol (Shahzeb),
7.	Ringer Lactate	Infusion	500ml	Unisol (Unisa), Zeesol (Shahzeb),
8.	Mannitol	Infusion	500ml	Unisol (Unisa), Zeesol (Shahzeb),
9.	Modified Fluid Gelatin	Infusion	500ml	
10.	Polygeline	Infusion	500ml	Unisol (Unisa), Zeesol (Shahzeb),
11.	Paeds Solution	Infusion	25 ml, 100 ml, 500 ml, 1000 ml	Unisol (Unisa), Zeesol (Shahzeb),
12.	Normal saline 0.9%	Sachet		Unisol (Unisa), Zeesol (Shahzeb),
13.	Oral Rehydration Solution	Injection	7.45 %w/v	Gastrolyte (Aventis), Hilyte-R (Hillton), Woodward's ORS (Woodwards), Paedi Care (Woodwards), Pedalyte (Abbott),
14.	Potassium Chloride	Injection	7.5% w/v,	Potassium Chloride (Shahzeb),
15.	Sodium Bicarbonate	Injection	8.4% w/v	Sodiumbicarbonate (Zafa), Zeelon (Shahzeb) , Sodium Bicarbonate (S.J.G Fazul Ellahie)
16.	Calcium Gluconate	Injection		Calcium Gluconate (China),

17.	Magnesium Sulphate	Injection	500mg/ml	Magnesium Sulphate (Zafa), MAG-S (Mass),
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Drugs Affecting Blood & Nutrition

Zinc Supplement

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Zinc Sulphate	Tablet	50mg, 100mg	Zincat (Atco)
2.	Zinc Sulphate	Syrup	20mg/5ml	Zincat-OD (Atco) Zincday (BarretHodgson)

Cardiovascular Drugs

Anti-Hypertensive & Anti-Anginal Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Losartan	Tablet	50mg 100mg	Sartan (Barrett), Xavor (Ferozsos), Eziday (Werrick), Cozaar (OBS), Coryton (Brookes),
3.	Valsartan + Hydrochlorothiazide	Tablet	25mg, 100mg	
4.	Atenolol	Tablet	100mg	Normitab (Nabi Qasim), Tenormin (ICI), Cardaxen (Platinum), Blokium (Highnoon), Atenorm (Ferozsos), Controbeat (Pfizer),
5.	Metoprolol	Tablet	100mg, 200mg	Mepressor (Novartis), Merol (Atco), Metocard (CCL),
6.	Metoprolol	Injection	1mg/ml	Lopressor (Novartis), Mepressor (Novartis), Merol (Atco)
7.	Labetalol	Injection	10mg/ml	
8.	Furosemide	Tablet		Lasix (Sanofi), Elusen (Elite), Aquasina (Zafa), Furosemide (Bajwa), Furosemide (LCPW),
9.	Spirolactone + Furosemide	Tablet	2.5mg, 5mg, 20mg	Spiromide (Searle), Spiromide 40 (Searle), Spirofer (Glitz), Spidar (Medera),
10.	Amlodipine	Injection	2.5mg, 10mg, 50mg	Ampress (Barrett), Norvasc (Pfizer), Lodopin (Merck), Onato (Sami), Cabok (Platinum), Quvasc 5 (Novartis),
11.	Verapamil	Tablet	40mg, 80mg	Calan (Searle), Zavera (Zafa), Isoptin (Abbott),
12.	Verapamil	Injection	2.5mg, 10mg, 50mg	
13.	Captopril	Injection	10mg, 10mg/10ml, 1mg/ml	Capace (Atco), Capoten (GSK), Captin (Werrick), Qutril (Novartis), Valopril (Valor), Acetopril (Zafa)
14.	Isosorbide Dinitrate	Tablet	5mg, 10mg	Isordil (Pfizer), Isonit (Benson), Isoket (Atco), Di-Card (Valor), Isdin (Maple),
15.	Isosorbide Dinitrate	Injection	10mg /10ml	Sorbid (Hoffman), Isoket (Atco), Straight (Werrick),
16.	Isosorbide Mononitrate	Tablet	20mg	Ismo (Roche), Monis (Maple), Isotab (Efroze), Monotrate (Pfizer)

			40mg	
17.	Glyceryl Trinitrate	Tablet	2.6mg, 6.4mg, 0.5mg	Sustac (Searle), Cardnit (Atco), Glyrate-SR (Getz), Angised (GSK), Angilingual (Zafa),
18.	Glyceryl Trinitrate	Buccal	2mg, 5mg	Suscard buccal (Searle),
19.	Methyl Dopa	Tablet	20mg	Aldomet (OBS/MSD), Hypodopa (Wilson's), Methyldopa (Macter), Liskomet (Lisko),
20.	Trimetazidine	Injection	20mg	Dinemic/Maple, Trimez (Atco), Vastarel (Servier), Vastarel-MR (Servier), Creato (Tabros),
21.	Hydralazine	Injection	1mg/ml	Hydralazine (Zafa),

Cardiovascular Drugs

Positive Inotropic Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Epinephrine	Injection	1mg/ml	Adrenaline (AmeerAdnan), Adrenaline (PDH), Adrenaline (Elite), Adrenaline (Venus),
2.	Nor-Epinephrine	Injection	40mg/ml	Norepine (Ontec),
3.	Dopamine	Injection	250mg/5ml	Dopamine (LCPW), Dopamine (Abbott),
4.	Dobutamine	Injection	250mg/5ml	Dobutamine (Myongmoon), Cordion (Siza), Dobutrex (Abbott),

Cardiovascular Drugs

Anti-Hyperlipidemic Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Atorvastatin	Tablet	10mg 20mg 40mg	Atorva (Pharmatec), Lipiget (Getz), Lipirex (Highnoon), Lipilow (Novamed), Lastolip (Wilshire), Lipitor (Pfizer)

Cardiovascular Drugs

Anti-Platelet Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Aspirin	Tablet	75mg	Ascard (Atco), Loprin (Highnoon), Disprin-CV (Reckitt),

Cardiovascular Drugs

Anti-coagulants & Anti Platelet

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Clopidogrel	Tablet	75mg 150mg	Clotnil (Barrett), Extrac (Asian), Seaclop (Searle), Plavix (Aventis), Noclot (CCL), Clopid (Ferozsons)
2.	Heparin	Injection	5000 I.U.	Pine (Hospital Supply Corporation), Heparin (Leo), Heparotex (Haji Medicine),
3.	Enoxaparin	Injection	40 mg 60mg 80mg	Clexane (Sanofi), Clotless (Himont), Prolongin (Kurative), Sedacoron (BioPharma)
4.	Warfarin	Tablet		
5.	Rivaroxaban	Tablet		

Cardiovascular Drugs

Anti-Arrhythmic Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Amiodarone	Tablet	250mcg	Cordarone (Sanofi), Amiodarone/Baj-Darone (Bajwa), Miodarone (Unimark),
2.	Amiodarone	Injection	150mg/ml	Cordarone (Sanofi), Sedacoron (Biopharma)
3.	Digoxin	Injection	0.05mg/ml	Digox (Platinum), Lanoxin (GSK),
4.	Adenosine	Injection	3mg/ml	Medicore (MediPak),

Cardiovascular Drugs

Thrombolytic Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Streptokinase	Injection	1500 I.U.	Streptase (Sanofi), Diclair-ST (Gene-Tech), Streptofactor (Hakimsons),
2.	r-tPA (Alteplase)	Injection	50mg	Actilyse (Boehringer Ingelheim)

Drugs for Respiratory Disorders

Anti-Asthmatic Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Salbutamol	Inhaler	100 mcg	Salbo (Getz), Inspirol (Macter), Butovent (Chiesi), AsthaventHFA (Highnoon), Aerolin Evohaler (GSK), Ventolin Evohaler (GSK),
2.	Salbutamol	Tablet	2mg, 4mg, 8mg	Ventolin (GSK), Bronkal (Atco), Inhalerin (Werrick),
3.	Salbutamol	Syrup	2mg/5ml	Ventolin (GSK), Bronkal (Atco), Inhalerin (Werrick),
4.	Salbutamol	Injection	50mcg in 5ml	Ventolin (GSK), Ventrol (Akson), Broncolin (Geofman),
5.	Salbutamol	Solution	5mg/5ml	Vetolin Solution (GSK), Bronkal Respirator (Atco), Ventolin-Respirator (GSK),
6.	Montelukast	Sachet	4mg	Myteka (Hilton), Montiget (Getz),
7.	Montelukast	Tablet	4mg, 5mg, 10mg	Montika (Sami), Aerokast (Barrett), Montair (CCL), Lungair (Nabi Qasim), Mntk (Macter), Montiget (Getz), Ventek (Searle), Myteka (Hilton)
8.	Beclomethasone	Rota Capsule	100mcg, 200mcg, 400mcg	Betatec (Highnoon),
9.	Beclomethasone	Inhaler	50mcg/actu, 100mcg/actu, 200mcg/actu, 250mcg/actu, 800mcg/actu	Clenil Pulvinal (Chiesi), Bekson HFA (Getz), Becloforte (GSK),
10.	Ipratropium	Solution	0.250mg/ml	Ipneb (Atco), Atem (Chiesi), Optra (Getz), Ipratec (Highnoon), Trupium (Macter),
11.	Aminophylline	Injection		Aminophylline (China),

Drugs for Respiratory Disorders

Anti-Cough Preparations

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Ammonium Chloride + menthol + diphenhydramine + sodium citrate	Syrup		Piriton Expect (GSK), Bronex (Woodward), Chlorohist (LCPW), Bronochol (Ferozsons), Benadryl (Johnson & Johnson),

Topical & Local Preparations

Dermatologic Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Benzoyl benzoate	Lotion	0.25	Benzyl benzoate (Ferozsons), Ascabion (Lisko), Scabicure (LCPW), S.P.Lotion (Remington), Benzyl benzoate (Sapient),
2.	Betamethasone	Cream/Ointment	0.05%, 0.10%	Betnovate (GSK), Betaderm (Atco), Bevate (Hoover), Provate (Saffron), Betacin (Geofman),
3.	Calamine	Lotion	0.15	Calamine Lotion (Sharex), Blisscal (Bliss), Calamine Lotion (Prime),
4.	Coal tar + Salicylic acid	Topical	1% to 5%	Soraderm (Wilson's), Cocois (Mass), Dithrosil (Wilson's), Cosacort (Sulk), Carasham (Caraway),
5.	Hydrocortisone	Cream/ Ointment	0.01	Cortival (Valor), Hydrocort (Akhai), Cortiderm (Valor), Clozole-H (Pearl), Cutis-HC (Derma Techno), Hydrosone (Ferozsons),
6.	Miconazole nitrate	Cream/Ointment	0.02	Mycon (Valor), Myconit (Epla), Daktarin topical (Janssen), Dermicon (Friends),
7.	Polymyxin B sulphate+Bacitracin Zn	Ointment	10000IU/g +500 IU/g	Polyfax (GSK), Biofax (Geofman), Polyrel (Global),
8.	Permethrin	Cream	0.05	Lotrix (GSK),
9.	Permethrin	Lotion	0.05	Lotrix (GSK), Mitex (Hoover), Scabfree (Atco), Mitonil (Saffron), Scabrid (Tabros), Nedax Plus (GSK), Elemite (Derma Techno),
10.	Silver Sulphadiazine	Cream	0.01	Sentobe (Hoover), Silvin (PDH), Dermazin (Novartis), Quench (Ferozsons), Mazine (Global),
11.	Adapalene	Cream	1%w/w	Acne-Lene (Valor), Adapco (Atco), Clear (Saffron), Capitis (Tabroz),
12.	Adapalene	Gel	1%w/w	Acnil (Platinum), Pimpal (Brookes), Adapco (Atco),

13.	Azelaic acid	Cream	20%w/w	Skinoren (Bayer), Eziderm (Medera), Azecil (Valor), Azelexin (Dermagen), Haskoderm (Wilson's), Acnicam (Mendoza),
14.	Fusidic acid	Cream	2%w/v	Fusidin (Leo), Fuci-Cort (Wilson's), Sidik (Dermagen), Udic (Valor), Zudic (Nabi Qasim), Curoderm (Epla), Fu-Skin (Mass), Fusac (Sante)
15.	Fusidic acid	Ointment	2%w/v	Dermy (Woodward), Fusac (Sante),
16.	Terbinafine	Cream	1% w/v	Cutis (Tabros), Exinofin (Brookes), Lamisil (Novartis), Terbiderm (Atco), Terbin (Martin Dow), Terbisan (Sante), Tersil (Sami), Antifun (Mendoza)
17.	Isotretinoin	Cream	0.0005	Cosmin (Saffron), Iso-A (Brooks), Trio (Reko),
18.	Isotretinoin	Gel	0.0005	Isotrex (GSK), Isotin (Schigan),
19.	Ketoconazole	Cream	2%w/v	Ketocon (Valor), Nizoral (Janssen), Spike (Highnoon), Tezole (Brookes),
20.	Ketoconazole	Lotion	2%w/v	Conaz (Atco), Ketonaz (Sante), Nizoderm (Werrick),
21.	Ketoconazole	Solution	2%w/v	Ketopike (Highnoon), Kitcon (Derma Techno), Spike (Highnoon),

Topical & Local Preparations

Anti-Septic Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Methylated spirit	Solution	450ml	
2.	Pyodine sloution 10%	solution	450ml	Pyodine Solution (Brookes), Povidide Soln (Mendoza), Govid (Glitz), Septinil (Valor),
3.	Pyodine scrub 7.5%			Pyodine Surgical Scrub (Brookes), Povex (Indus), Septinil (Valor),
4.	Hydrogen Peroxide	Surgical		(Micko), (Pharmawise), (Polyfine), (Perfect),
5.	Instrumental Disinfectant	Solution		Triacid-N (Intra Health), Reprodis (Medinostic Health)
6.	Surface Disinfectant	Solution		Biguacid (intra Health), Descocid-N (Intra Health), Gemigene (Medinostic)

Topical & Local Preparations

Ear Nose & Throat Local Preparations

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Soda glycerine	Ear drops		
2.	Ciprofloxacin	Ear drop	0.003	Cipotic (Barrett), Zeprocaine (Sante), Ciprodex (Ethical), Anticip (Jaens), Lignocip (Remington),
3.	Ciprofloxacin	Suspension	125mg/5ml, 250mg/5ml	Adacip (Adamjee), Cipesta (Getz), Ciprin (Werrick), Gavel (Tabros), Mytil (Wilson's), Nafcin (Global), Novidat (Sami), Orpic (Getz)
4.	Lignocain	Gel	0.02	Aerocaine (Hoover), Lignocaine (LCPW), Xylocaine (Barrett),
5.	Lignocain	Solution	0.04	Xylocaine (Barrett),
6.	Saline nasal drops	Saline drops	0.0065	Norsaline-P (Atco), Nazolin (Epla), Norsal (Nabi Qasim), Nasaline (Polyfine),
7.	Xylometazoline	Nasal spray	0.0005	Xolisan (Sante), Xynosine (Zafa), Rhezole (Epla), Xylonas (Geofman),
8.	Polymyxin B sulphate+Lignocaine	Ear drops	Polymyxin B (sulphate): 10,000 IU /ml, lignocaine: 50mg/ml: in 5ml	Lidosporin (GSK), Otocaine (Remington),

Disposables & Surgical Supplies

Nil

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Plaster of paris	Medical Device	10", 15"	Gypsona (Essity), Plaster of Paris (Kareem Industries), Plaster of Paris (Cotton Craft), Plaster of Paris (Kohinoor), Plaster of Paris (Sugitex), Plaster of Paris (Crescent),
2.	Black Silk,Size1, 30mm, 1/2Circle round body needle	Medical Device		(China), (Ophth Pharma), (Ethicon),
3.	Black Silk,Size1,40mm 3/8 Circle curve cutting (CC) needle	Medical Device		(China), (Ophth Pharma), (Ethicon),
4.	Black Silk,2/0,30mm 1/2 circle roud body needle	Medical Device		(China), (Ophth Pharma), (Ethicon),
5.	Black Silk ,Size 2/0,60mm straight cutting needle	Medical Device		(China), (Ophth Pharma), (Ethicon),
6.	Catgut Chromic,Size 1,30mm,1/2 Circle RB Needle	Medical Device		(China), (Ophth Pharma), (Ethicon),
7.	Catgut 1 40mm round body	Medical Device		(China), (Ophth Pharma), (Ethicon),
8.	Catgut Chromic,Size2/0 ,30mm, 1/2 Circle Round Body needle	Medical Device		(China), (Ophth Pharma), (Ethicon),
9.	Catgut 2 40mm round body	Medical Device		(China), (Ophth Pharma), (Ethicon),
10.	Cotton bandages 6.5 cm x 6 meter	Medical Device		(Kareem Industries), Cotton Craft (Kohinoor), Sugitex (Crescent),

11.	Cotton crepe bandage 7.5cm x 6 meter	Medical Device		(Kareem Industries), Cotton Craft (Kohinoor), Sugitex (Crescent),
12.	Poly propylene Size 1, 40mm 1/2 circle RB Needle	Medical Device		(China), (Ophth Pharma), (Ethicon),
13.	Poly propylene, Size 2/0, 30mm 1/2 circle RB Needle	Medical Device		(China), (Ophth Pharma), (Ethicon),
14.	Poly propylene, Size 2/0, 60mm Straight Cutting needle (SCN)	Medical Device		(China), (Ophth Pharma), (Ethicon),
15.	Polyglactin/ Polyglycolic acid, Size 1, 40mm. 1/2 Circle Round Body needle	Medical Device		(China), (Ophth Pharma), (Ethicon),
16.	Polyglactin/ Polyglycolic acid, size 2/0, 30mm, 1/2 Circle Round Body needle	Medical Device		(China), (Ophth Pharma), (Ethicon),
17.	AV Fistula Needles (Arterial+venous) with fixed wings. (Individually Sterile Packed) size 16/17G.	Medical Device		(Nipro), (Fresenius), (Bayen),
18.	AV Set Blood Tubing Lining (6.3-6.6mm) with one transducer protector (Fluid Barrier) & Pre-Pump Arterial Pressure	Medical Device		(Nipro), (Fresenius), (Bayen),

	Monitoring Line (Individually Sterile Packed).			
19.	Cord clamps	Medical Device		(China),
20.	Spinal Needle Sterile Packs All Sizes	Medical Device		(BD), (Bbraun),
21.	Dental needle 27G 0.4 x 25 mm	Medical Device		
22.	Dental needle 27G 0.4 x 42 mm	Medical Device		
23.	Foley's catheter (all sizes) Sterile Packs All sizes	Medical Device		(China), (Al-Hamd), (Hashir Surgical), (Classic), (Golden Plus), Pigeon
24.	I.V. Sets Sterile blister Pack	Medical Device		(Medipak), (Unisa), (China), JMS, AMD
25.	Volumetric Chamber (I.V Burette) Sterile Packs 100ml size	Medical Device		(JMS), (China), (AMD),
26.	Nasogastric tube (all sizes) Sterile Packs	Medical Device		(Classic), (China), (Pigeon),
27.	Sterilized Surgical Blades Sterile Packs All Sizes	Medical Device		(Feather), (China),
28.	Nelton Catheter 4-18	Medical Device		(Classic), (China),
29.	Endotracheal tube (all sizes) Sterile Packs	Medical Device		(China), (Murphy),
30.	Urine Bags Sterile (2000ml) Packs	Medical Device		(Shifa), (Master), (China), JMS, AMD

31.	Scalp Vein Set Sterile Packs	Medical Device		(China),
32.	Blood lancets	Medical Device		(China),
33.	Blood Bags Sterile Packs 250ml single	Medical Device		(JMS), (China), (Master),
34.	Blood Bags Sterile Packs 500ml single	Medical Device		(JMS), (China), (Master),
35.	Blood Transfusion Set Sterile Packs	Medical Device		(JMS), (China), (Master),
36.	Suction Catheter (All Sizes)	Medical Device		(Classic), (China),
37.	Resuscitator bag with mask	Medical Device		(China),
38.	Nylon 10/0	Medical Device		(China), (Branded),
39.	Ambu bags	Medical Device		(China),
40.	Airways	Medical Device		(China),
41.	Auto Disable (AD)/re-use prevention (RUP) Syringe 0.5ml with needle (Blister Pack)	Medical Device		(China), (Shifa), (Nisa), (Unisa), (Master), (Inject), (Amson), (BD)
42.	Auto Disable (AD)/re-use prevention (RUP) Syringe 2/3ml with needle (Blister Pack)	Medical Device		(China), (Shifa), (Nisa), (Unisa), (Master), (Inject), (Amson), (BD)
43.	Auto Disable (AD)/re-use prevention	Medical Device		(China), (Shifa), (Nisa), (Unisa), (Master), (Inject), (Amson), (BD)

	(RUP) Syringe 5ml with needle (Blister Pack)			
44.	CVP Line (Double Lumen) (All Sizes)	Medical Device		(Arrow), (China),
45.	CVP Line (Double Lumen) (For Dialysis)	Medical Device		(Arrow), (China),
46.	Disposable syringe 10ml with needle. (Blister pack)	Medical Device		(Star), (Shifa), (Nisa), (Amson), (Master), (China),
47.	Disposable Syringe 20ml with needle. (Blister pack)	Medical Device		(Shifa), (Nisa), (Amson), (Master), (China),
48.	Disposable Syringe 60ml with Central Nozzle or Catheter Tip (Blister Pack)	Medical Device		(Shifa), (Nisa), (Amson), (Master), (China),
49.	Hollow Fiber Dialyzer (All Sizes) Individually Sterile Packed (with BTL and A.V Fistula Needle Pair)	Medical Device		(Fresenius), (Nipro), (Bayen),
50.	I.V Cannula with Injection Port and Integrated Closing Cone Sterile Pack 16G	Medical Device		(BD), (Bbraun), (Medico), (China), (Al- Hamd),
51.	I.V Cannula with Injection Port and Integrated Closing Cone Sterile Pack 18G	Medical Device		(BD), (Bbraun), (Medico), (China), (Al- Hamd),

52.	I.V Cannula with Injection Port and Integrated Closing Cone Sterile Pack 20G	Medical Device		(BD), (Bbraun), (Medico), (China), (Al-Hamd),
53.	I.V Cannula with Injection Port and Integrated Closing Cone Sterile Pack 22G	Medical Device		(BD), (Bbraun), (Medico), (China), (Al-Hamd),
54.	I.V Cannula with/without Injection Port with Integrated Closing Cone Sterile Pack 24G	Medical Device		(BD), (Bbraun), (Medico), (China), (Al-Hamd),
55.	Three way stopper with Tubing	Medical Device		(China),
56.	Absorbant cotton wool	Medical Device	500gm	(Kareem Industries), Cotton Craft (Kohinoor), Sugitex (Cresent),
57.	Adhesive plaster	Medical Device	1, 2 inch	(BSN), (China),
58.	Surgical Caps	Medical Device		
59.	Examination Gloves Latex (S.M.L)	Medical Device		(Malaysia),
60.	Nitto Tape	Medical Device	1", 2"	(Japan), (Al-Hamd), (China),
61.	Fixomal roll	Medical Device		(BSN), (China),
62.	Polythene gloves	Medical Device		
63.	Surgical gloves	Medical Device	6.5, 7, 7.5	(Maxitex), (Ansel), (Master), (China),
64.	Surgical gauze	Medical Device	30 x 1 meter	(Kareem Industries), Cotton Craft (Kohinoor), Sugitex (Cresent),

65.	Face Mask Surgical	Medical Device		
66.	Sterilized gauze dressing / rayband gauze	Medical Device		(Kareem Industries), Cotton Craft (Kohinoor), Sugitex (Cresent),
67.	Eye pads	Medical Device		(Kareem Industries), Cotton Craft (Kohinoor), Sugitex (Cresent),
68.	Alcohol swabs	Medical Device		
69.	Gown disposables	Medical Device		
70.	Delivery kits	Medical Device		
71.	Insulin Disposable Syringe	Medical Device	1 ml	Nisa, BBraun, Sya Impex, Shifa

Diagnostic Agents

Nil

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Sodium Amidotrizoate	Injection		
2.	Barium Sulphate	Aqueous suspension		
3.	Iohexol	Injection		
4.	Sodium Diatrizoate meglumine	Injection		
5.	Sodium Amidotriazoate Meglumine	Injection		
6.	Gadopentetic Acid Dimeglumine	Injection		

Drugs for Endocrine Disorders

Anti-Diabetic Drugs

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Insulin R	Injection	100 IU/ml [Human Regular Insulin:100IU/ml]	
2.	Insulin NPH	Injection	100 IU/ml [Human Insulin:100IU/ml, Isophane insulin:0]	
3.	Insulin 70/30	Injection	100 IU/ml [Human Regular Insulin:30%, Isophane insulin:70%]	
4.	Metformin	Tablet	500 mg, 750 mg, 850 mg, 1000mg	Glucophage (Merck), Neophage (Abbott), Meteor (Asian), Neodipar (Aventis), Xormet (Highnoon)
5.	Glimepiride	Tablet	1 mg, 2 mg, 3 mg, 4 mg	Diabold (Barrett), Diatrol (martin), Econid (Abbott), Getryl (Getz), Glioptin (Merck), Glio (Macter), Gliride (Pfizer) Amaryl (Sanofi)
6.	Glibenclamide 5mg	Tablet	2.5 mg, 5 mg, 50 mg,	Daonil (Aventis), Glucoban (Mega), Euglucin (Martindow), Glicon (Efroze)
7.	Sitagliptin	Tablet	25 mg, 50 mg, 100 mg	S-Gliptin (Barret), Sita (CCL), Gliptin (Himont), Trivia (Getz), Silo (Macter), Tagip (highnoon)
8.	Empagliflozin	Tablet	10mg	Empa (CCL)

Drugs for Gastrointestinal Disorders

Anti-emetic Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Metoclopramide	Injection	5 mg/ml	Metaclon (Indus), Clopan (Siza), Metomide (CCL), Maxolon (GSK), Clopramid (Bajwa), Clotide (Surge), Mediclop (Global), Metoclop (Munawar)
2.	Metoclopramide	Tablet	10 mg	Metaclon (Indus), Clopan (Siza), Metomide (CCL), Maxolon (GSK), Clopramid (Bajwa), Clotide (Surge), Mediclop (Global), Metoclop (Munawar)
3.	Metoclopramide	Syrup	5 mg/5ml	Metaclon (Indus), Clopan (Siza), Metomide (CCL), Maxolon (GSK), Clopramid (Bajwa), Clotide (Surge), Mediclop (Global), Metoclop (Munawar)
4.	Dimenhydrinate	Injection	50 mg/ml	Dinate (Ameer), Dvom (Siza), Menhydrin (Bajwa), Ravinate (Murfy), Diomine (Venus), Mavinate (Wimits), Gravinate (Searle),
5.	Dimenhydrinate	Tablet	50 mg	Dinate (Ameer), Dvom (Siza), Menhydrin (Bajwa), Ravinate (Murfy), Diomine (Venus), Mavinate (Wimits), Gravinate (Searle),
6.	Dimenhydrinate	Syrup	12.5 mg/4ml, 12.5 mg/5ml	Dinate (Ameer), Dvom (Siza), Menhydrin (Bajwa), Ravinate (Murfy), Diomine (Venus), Mavinate (Wimits), Gravinate (Searle),
7.	Ondansetrone	Injection	2mg/ml	Onset (Pharmedic), Dysit (Wimits), Densoaid (Medisure), Danset (CCL),
8.	Ondansetrone	Tablet	4 mg, 8 mg	Onset (Pharmedic), Dysit (Wimits), Densoaid (Medisure), Danset (CCL),
9.	Pyridoxine + Doxylamine succinate	Tablet	10mg / 10 mg	Envepe (RG Pharmaceuticals)

Drugs for Gastrointestinal Disorders

Ant-Acids

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Aluminium hydroxide, magnesium hydroxide, simethicone	Syrup		Mucaine (Wyeth), Gaviscon (Reckitt), Dijex MP (Abbott), Filmacid (Searle), Mylanta (Johnson & Johnson), Dimeco (Macter),
2.	Omeprazole	Injection	40 mg	Risek (Getz), Omega (Ferozsans), Teph (Sami), Loprot (Nabi Qasim), Vify (SJ&G Fazul Elahi), Losec (Barrett) Delka (Woodwards)
3.	Omeprazole	Capsule	40 mg	Risek (Getz), Omega (Ferozsans), Teph (Sami), Omesecc (Brookes), Etipro (ICI), Anzo (Searle), Efome (Efroze), Sante (Macter) Omesecc (Brookes) Losec (Barrett) Loprot (Nabiqasim) Delka (Woodwards)
4.	Famotidine	Tablet/Capsule	20mg	Amotide (Genix), Famot (Shaigan), Famron (PDH),
5.	Misoprostol	Tablet	25 mcg, 50 mcg, 100 mcg, 200 mcg	Cytotol (Saffron), Miso (Global), Cytopan (Getz), Breeky (Sami),

Drugs for Gastrointestinal Disorders

Anti-Spasmodic Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Drotaverine	Injection	40 mg, 40 mg/2ml,	Nospa (Sanofi), Relispa (Searle), Drotamit (Wimits), Drospa (Fynk), Dytra (Tabros),
2.	Drotaverine	Tablet	40 mg, 80 mg	Nospa (Sanofi), Relispa (Searle), Drotamit (Wimits), Drospa (Fynk), Dytra (Tabros),
3.	Hyoscine Butylbromide	Tablet	10 mg	Buscopan (Merck), Spasler-P (AGP), Hyoscine (Semos),
4.	Phloroglucinol + trimethyl phloroglucinol	Tablet	40 mg, 80 mg	Anafortan Plus (AGP), Spadix (Tabros), Spasrid (Barrett),

Drugs for Gastrointestinal Disorders

Laxatives

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	lactulose	Syrup	3.35 g/5ml	Duphalac (Abbott), Lilac (Getz), Laevolac (Hilton), BLact (Brookes), Tavalose (High-Q),
2.	Sennosides	Tablet	7.5mg	Senokot (Reckitt),
3.	Sodium Phosphate	Enema (Adult / Peads)		Kleen Enema (NabiQasim), Radi Enema (LISKO), Prime Enema (Prime labs), Instant Enema (KRKA-PAK), Rapid Enema (PolyfineChempharma),
4.	Glycerine Suppositories	Adult / Peads		Glycerine Suppository (Micko), Pedia lax (Fleet),

Drugs for Gastrointestinal Disorders

Anti-Diarrheal Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Loperamide	Tablet/Capsule	2mg	Imodium (JANSSEN-CILAG), Lopamide (Medicaids), Diastop (Searle), Emod (Eferoze Chemicals), Folramex (Zafa Pharmaceuticals), Lopemid (FYNK), Direrid (Evergreen Pharmaceuticals),
2.	Bismuth Sub-Salicylate	Suspension	88mg/5ml	Bismol (Macter), Akso D (Akson), Diamac (Mac and Rans),

Drugs for Gastrointestinal Disorders

Drugs for Esophageal Variceal Bleeding

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Octreotide	Injection	0.1 mg/ml, 0.05 mg/ml	Asterotide (Hoffman Health), Sandostatin (Novartis), Hatide (Hygeia), Jintrotide (Accurate medical suppliers),
2.	Terlipressin	Injection	1mg	Novapressin (Fereozesons), Europress (Rotex), Glypressin (Atco), Teli (Wilson), Terlip (Getz),

Drugs for Gastrointestinal Disorders

Drugs for Ulcerative Colitis

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Sulfasalazine	Tablet	500mg	Salazine (Wilson), Salazodine (Ferozsans), Salazopyrine (Pfizer), Sulfasal (Shaigan), Sulfine (Goodmann),
2.	Beclomethasone	Tablet	5mg	Clipper (Chiesi)
3.	Mebeverine	Tablet/Capsule	135mg, 200mg	Colofac (Highnoon), Colonil (Genome), Mebever MR (Getz), Mebra (Xenon), Spasmoz (Cirin), Despas (S.J and G Fazul Elahi), Colorest (Wislon),

Drugs for Gastrointestinal Disorders

Drugs for Choliolithiasis

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Ursodeoxycholic acid	Tablet/Capsule	250mg, 500mg	Triptor (Consolidated chemicals), Urso (AGP), Ursogal (Sharooq), Ursox (Genome),

Immunological Products

Vaccines & Seras

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	BCG vaccine	Injection		BCG Vaccine (Hakismsons), BCG Vaccine (Sind medical Stores), BCG Vaccine (IBL Health care), Oncotice (Obs Pharma),
2.	DTP Vaccine	Injection		Boostrix (GSK),
3.	Polio Vaccine (OPV trivalent)	Oral		Polio vaccine (Novartis), Infanrix (GSK), Pentaxim (Sind medical stores), Opvero (Sanofi-Aventis), Tetracoq (Sind Medical Store),
4.	Hepatitis Vaccine	Injection		Havrix (GSK), Mevac-A (Hilton), Hepuman (Hakismsons), Hepatect (Nabiqasim), Hepatitis B Vaccine (Hoffmann), Heprovac B (Highnoon), Epaxal (Hakismsons),
5.	Measles Vaccine	Injection		MMR (Amson), Morbilvax (Amson), Morupar (Amson), Priorix (GSK), Rouvax (Sind Medical Store),
6.	Tetanus toxoid	Injection		Tetanus toxoid vaccine (HSS), Tetatox (Hakismsons), Quinvaxem (Novartis),
7.	Pentavalent Vaccine	Injection		Quinvaxem (Novartis), Easyfive (Panacea Biotec),
8.	Pneumococcal Vaccine	Injection		Pneumo-23 (Sind medical), Prevenar (Pfizer), Synflorix (GSK),
9.	Meningococcal Vaccine	Injection		Mencevax (GSK), Meningococcal (Sindh Medical Stre), Menpovax (Amson),
10.	Anti-rabies Vaccine (PVRV)	Injection		Abhayrab (Cirin), Indir-AB (HSS), Rabiling (Hi-Warble),
11.	Anti-D immunoglobulins (Human)	Injection		Rhogam (Hakismsons), Rhophylac (Hakismsons), Winrho-SDF (Eastern trade and distribution),
12.	Dephtheria Antitoxin	Injection		Dephtheria Antitoxin (Hakismsons), Diphuman (Hakismsons),
13.	Tetanus immunoglobulins	Injection		A.T.S (Hakimsons), Hypertet (Popular international), Tetanea (Sanofi-Aventis), Tetuman (Hakimsons), Pentant-HIB (Sind medical store),

14.	Rabies Immunoglobulins	Injection		Berirab-P (IBL Health care), Favirab (Sind medical Stores), Rbies vaccine (National agencies), Rabuman (Hakimsons),
15.	Covid 19 Vaccine	Injection		Sinopharm (China National Pharmaceutical group), Sinovac (China National Pharmaceutical group), BioN Tech, Pfizer vaccine (Pfizer), Oxford-Astrazeneca (US company Medimmune), Moderna (American company Moderna), Pak-Vac (NIH), CanSino (China National Pharmaceutical group),

Immunological Products

Toxoids

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Anti-Snake Venom	Injection		Anti-Snake venom serum (Amson), Anti-Snake venom serum (NIH),
2.	Tetanus toxoid	Injection		ATS (Pliva), Anatetal (Amson), Imatet (Amson), Infanrix (GSK), Vax-TET (Gene), Tetavax (Sind), Hiberix (GSK),

Drugs of Musculoskeletal Disorders

Drugs for Rheumatic Disorders

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Methotrexate	Tablet	2.5mg	Cytotrexate (Lahoe chemical), Dmard (Wilshire), Methotrexate (Atco), MTX (Highnoon), Unitrexate (Al-Habib), Emthexate (Turner Grahams),
2.	Leflunomide	Tablet	10mg	Cara (SJ &G Fazul Elahi), Ariva (Bosch), Adirs (Wilshire), Dimara (Barrett), Flonid (Genome), Lefanor (Macter), Ravaget (Getz), Zefora (Global)
3.	Hydroxychloroquine	Tablet	200mg, 400mg	HCQ-200 (Getz), Hyquine (English), Kymyk (Wilshire), Plaquin (Macter), Qinmax (Shrooq),

Drugs of Musculoskeletal Disorders

Drugs for Osteoarthritis

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Glucosamine Chondritin Sulphate	Tablet/Capsule		Flexeza (Biogenics), Artilage (SJ &Gf Fazul Elahi), GC-Plus (Wilshire), Gencart (Barrettt), Orthomin (Global), Randrin (Amson),

Drugs of Musculoskeletal Disorders

Anti-Gout Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Allopurinol	Tablet	100 mg, 300 mg	Zyloric (GSK), Zynol (Pharmedic), Allopure (Zeb Labs), Agout (Mega),
2.	Febuxostat	Tablet	40mg, 80mg	Gouric (Pharmevo), Zurig (Getz), Ulora (Helix), Feboric (Efroze Chemicals), Adenuric (SJ&G Fazul Elahi), Degouric (Atco),

Drugs of Musculoskeletal Disorders

Drugs for Muscle Spasm

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Tizanidine	Tablet	1mg, 2mg	Movax (Sami), Agile (Wilshire), Colril (Searle), Kadin (FYNK), Lintiz (Bosch), MR-X (Jawa), Muslex (Danas), Relaxit (Glitz)

Drugs of Musculoskeletal Disorders

Drugs for Osteoporosis

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Alfacalcidol	Tablet/Capsule	0.25mcg, 1mcg	A-Bone (Evergreen), Adela (Getz), Alcal (Highnoon), Alfa-D (Platinum), Bio D3 (Bio Labs), Bon-One (Martin Dow), X-Bone (Wilshire), Recalbon (Sami)
2.	Alendronate Sodium	Tablet	10mg	Bonfit (Searle), Osto (Nabi Qaim), Reventa (Getz), Osteopor (Werrick), Fosamax (Merck), Drate (SJ&G Fazul Elahi), Bonpart (Barrett), Alonate-D (Neo Medix)

Drugs for Neuropsychiatric Disorders

Anxiolytic Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Diazepam	Injection	5mg/ml	Valium (MartinDow), Diazepam (SJ&G), Somnite (PDH), Diazilive (Liven), Neopam (Ferozsos), Dalium (Pliva), Relax (Wishhire), Benzopine (Danas)
2.	Alprazolam	Tablet	0.25 mg, 0.5 mg, 1 mg, 2 mg	Alp (Hilton), Aloram (Global), Azolam (Merck), Prolam (Glitz), Xanax (Pfizer), Zenith (Ferzoesons), Valozam (Valor), Praz (Getz)
3.	Buspirone	Tablet	5mg, 10mg	Buspar (GSK), Anziron (Star), Busron (SJ&G Fazul Elahi), Novatil (Xenon), Nanzo (Wishhire),

Drugs for Neuropsychiatric Disorders

Anti-Epileptic Drugs

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Carbamazepine	Tablet	200 mg, 400 mg	Tegral (Novartis), Teril (Merck), Xepil (Shaigan), Carbanil (Dosaco), Barbasan (Searle), Episol (Star), Leptic (Biolab),
2.	Carbamazepine	Syrup/Suspension	100 mg/5ml	Tegral (Novartis), Seizunil (Platinum), Mazetol (Cibex), Epilepsin (Macter), Epicar (Adamjee), Carzep (Glitz),
3.	Phenytoin	Injection	250 mg, 30 mg/ml	Epigran (Atco), Fentin (Geofmann),
4.	Phenytoin	Tablet/Capsule	100 mg	Dilantin (Pfizer), Epinat (Siza International), Di-Hydin (French), Phenton-S (Swiss), Shalentin (Shifa), Epiton (Adamjee), Epilantin (Pharmedic),
5.	Phenytoin	Syrup/Suspension	30 mg/5ml	Dilantin (Pfizer), Epilantin (Pharmedic), Epinat (Siz International), Epitoin (Adamjee),
6.	Phenobarbitone	Injection	100mg/ml, 200mg/ml	Phenobarb (Atco), Phenobarbitone (Euro), Phenomed (Medicraft), Phenola (Star),
7.	Phenobarbitone	Tablet/Capsule	30 mg	Asthyline (Euros), Phenobarbitone (Amson), Phenodan (Danas), Phenomed (Medicraft), Phenotab (Wishire), Debritone (Xenon), Bellabitone (Lisko),
8.	Phenobarbitone	Elixir	20mg/5ml	Phenomed (Medicraft), Phenotone (Rasco), Phenosun (Husin), Fenton (Harmann), Debritone (Xenon), Butone (Shaheen),
9.	Sodium Valproate	Injection	100mg/ml	Epival (Abbott),
10.	Sodium Valproate	Tablet	250 mg, 500mg	Epimed (Mediate), Dapakan (Platinum), Divarex (Medera), Epilim (Sanofi), Epirate (Wilson's), Vazipro (Glitz), Epival (Abbott),
11.	Sodium	Syrup	250 mg/5ml	Dapakan (Platinum), Dipodium

	Valproate			(Amarant), Eplium (Sanofi), Epirate (Wilson), Epival (Abott), Vazipro (Glitz),
12.	Lamotrigine	Tablet	25mg, 50mg	Lamictal (GSK), Lamnet (Searle), Lojin (Hilton), Lamonil (Platinum), Zitrigine (Mass), Lamogine (Maark), Lagintal (Adamjee),

Drugs for Neuropsychiatric Disorders

Drugs for treatment of Mood Disorders

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Amitriptyline (HCl)	Tablet	25 mg	Amitin (Glitz), Amotrip (Pharmedic), Amyline (Siza), Triptyline (Caraway), Tryptanol (Merck Sharp and Dhome of Pak), Ready (Xenon),
2.	Chlorpromazine	Tablet	10 mg, 25 mg, 50 mg, 100 mg, 150 mg, 500 mg	Chlorpromazine (Star), Sartan (Platinum), Procalm (Siza), Pregesic (Cirin), Largactil (Sanofi), Secdel (Delts),
3.	Olanzapine	Tablet/Capsule	5 mg, 10 mg, 7.5 mg	O-Zip (Glitz), Olanzia (Werrick), Olanzin (Rasco), Zapin (Glitz), Supzine (Maple), Ozip (Global), Pinaz (BioLab), Olanzicott (Scottmann)
4.	Fluoxetine	Tablet	10 mg, 20 mg, 40 mg	Advance Scottmann (Besquil Rotex), Cyconil (Global), Depex (Merck), Depricap (Nabiqasim), Fexatin (Rasco), Fextim (Geofmann), Floxetin (Wilson's), Hapilux (Novartis)
5.	Haloperidol	Tablet	5 mg, 10 mg, 1.5 mg, 0.25 mg	Sera (Glitz), Seredol (Reko), Medinac (Mediceena), Haldol (Tagma), Dosik (Adamjee), Phrenia (Pharmedic), Serenace (Searle)
6.	Haloperidol	Injection	5mg/ml	Caradol (Caraway), Gendol (Genetics), Halodol (Pharmedic), Seredol (Reko), Serenace (Searle), Phrenia (Pharmedic),
7.	Risperidone	Tablet	1mg, 2mg	Persch (Barrett), Pysper (Merck), Buzon (Nabiqasim), Benzisox (Highnoon), Mozart (Scottmann), Peridal (Global), Raze (Glitz), Regard (Xenon)
8.	Risperidone	Soln/Suspension	1mg/ml	Persch (Barrett), Buzon (Nabiqasim), Regard (Xenon), Rasp (Adamjee),
9.	Escitalopram	Tablet	10mg, 5 mg	Atcopram (Atco), Questa (Bosch), Citanew (Hilton), Danopram (Danas), E-Cital (Bio Labs), E-Dynapram (Indus), Elcit (Macter), Esglit (Glitz)

Drugs for Neuropsychiatric Disorders

Drugs for treatment of Parkinson Disease

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Procyclidine	Tablet	5mg	Cyclidine (Pharmedic), Kemadrin (GSK), Kempro (Adamjee), Procyte (Glitz), Proscyclidine (Werrick),
2.	Levodopa + carbidopa	Tablet		Sinemet (OBS), Aptidopa (Aptcure), Neudopa (Platinum),

Drugs for Neuropsychiatric Disorders

Drugs for Dementia

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Memantine HCl	Tablet	5mg, 10mg	Stir-Up (Nabiqasim), Dmantin (Genome), Cara-Tine (Caraway), Afdol (AGP), Alzirid (Global), Zexa (Mass),

Drugs for Neuropsychiatric Disorders

Drugs for Neuropathic Pains

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Gabapentin	Tablet/Capsule	100mg, 300mg	Abapen (Bosch), Biogaba (Biolabs), Duogab (Searle), Xegaba (Xenon), Winurina (Wishire), Neurontin (Pfizer), Neupentin (Highnoon), Neogab (Hilton)

Drugs for Neuropsychiatric Disorders

Drugs for Migraine

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Sumatriptan	Injection		Imigran (GSK),
2.	Sumatriptan	Tablet	25mg, 50mg	Sumapan (Wilshire), Sumatec (Platinum), Sumig (Hilton), Sumtan (Shrooq), Suminap (SJ&G Fazul Elahi), nNimigran (Platinum), Sumoxen (Atco),

Ophthalmological Products

Local Anti-Allergic agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Dexamethasone	Eye drops	0.1 %w/v	Binadex (Barrett), Dexamex (Bosch), Dexoptic (Sante), Methasone (Shifa), OcuDex (Ethical),
2.	Betamethasone	Eye Drops	0.1% w/w	Betenesol (GSK), Betatec (Innvotek), Orbitan (Zafa)`
3.	Sodium Chromoglycate	Eye drops	2 %w/v, 4 %w/v	Cromozil (Sante), Eyecrom (Atco), Cromil (Kobec), Segate (Helix), Vegacrom (Vega), Histalyn (Remington),

Ophthalmological Products

Local Anti-Infective Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Gentamycin	Eye drops	0.3 %w/v	G-Mycin (Mass), Genteal (Novartis), Genicol (Reko), Vegenta (Vega), Gentabact (Nabiqasim), Gentamicin (Lahore Chemical), Medigentacin (Medipak), Otogen (Remington)
2.	Ciprofloxacin	Eye drops	0.3 %w/v	Ciloxan (Novartis), Ciprobact (Mediceena), Ciprofena (Medipak), Hipro (Helix), Quiniflox (Bosch), Zecip (Valor), Prolox (Atco), Pirocap (Nimrall)
3.	Sulphacetamide	Eye drops	10 %w/v, 20 %w/v, 30 %w/v	Cemid (Vega), Cenamide (Harmann), Eycid (Orient), Keracid (Jaens), Optacid (Remington),
4.	Chloramphenicol	Eye drops	1 %w/v, 0.5 %w/v	Vegachlor (Vega), Spersanicol (Novartis), Manophenicol (Macquins), Chloramphenicol (Shifa), Chloroptic (Barrett), Econochlor (AGP), Fenoptic (Helix), Mediclor plus (Medipak)
5.	Polymyxin B (Sulphate) + bacitracin	Eye Ointment	Bacitracin:500IU/g, Polymyxin B (Sulphate):10000IU/g	Polyfax (GSK), Polymyx (Valor), Polyvee (Venus), Polyzaf (Zafa), Xyloid (Barrett), Polyaid (Trigon), Biofax (Geofmann),
6.	Tobramycin + Dexamethasone	Eye drops	Tobramycin: 0.3%w/v, Dexamethasone: 0.1%w/v	Eyebradex (Barrett), Cindex (Ethical), Mebradex (Medipak), Mydex (Shaigan), Obradex (Vega), Tobcydex (Valor),
7.	Moxifloxacin	Eye drops		Eyemox (Vega), Fotiflox (Helix), Megamox (Sante), Mionex (Shaigan), Moxbay (Jaens), Moxigan (Barrett), Oxcin (Atco),

Ophthalmological Products

Local Anti-viral Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Acyclovir	Eye Ointment	3% w/w	Cycloz (Highnoon), Zovirax (GSK), Virolite (Pearl and Pearl), Viracyl (Vega), Acylex (Ferozesons), Acywel (Zeb), Lovir (Remington),

Ophthalmological Products

Local Anti-fungal Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Miconazole nitrate	Eye Ointment	2% , 3gm	Monitin (Remington)

Ophthalmological Products

Lubricants

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Hydroxypropyl Methyl Cellulose	Eye drops		Celoftal (Novartis), Ocugel (Farmigee), Visogel (Sante), Softeal (Sante), Hicel (Remington), Lacrisfi (Neo Medix),

Ophthalmological Products

Mydriatics

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Tropicamide	Eye drops	1 %w/v	Mydolate (Ethical), Mydriacil (Novartis), Mydromide (Remington), Tropic (Sante), Tropicafin (Medipak), Mydropic (Innvotek),

Ophthalmological Products

Miotics

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Pilocarpine	Eye drops	2 %w/v, 4 %w/v	Medicarpine (Medipak), Optacarpine (Remington), Orbacarpine (Zafa), Pilocar (Ethical), Spersacarpine (Novartis),

Ophthalmological Products

Drugs for Glaucoma

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Timolol	Eye drops	0.5 %w/v, 0.25 %w/v	Betalol (Sante), Nyolol (Novartis), Optipress (Ethical), Timorex (Vega), Timoptol (OBS), Ocotimol (Ocu Care), Blotim (Remington),
2.	Acetazolamide	Tablet	250mg	Acemox (Vega), AZM (Ethical), Evamox (Don Valley), Setacar (Remington),

Ophthalmological Products

Medical Devices in Ophthalmology

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Intra Ocular Lense	Medical Device		Air Optix (Novartis), Acuvue (Johnsons and Johnsons), Air Optix (Alcon),

Drugs for Genitourinary Disorders

Contraceptives

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Condoms	Medical Device		Durex (Reckitt), Dzire (CRS), Black Cobra (Plywood),
2.	Ethinylestradiol + norethisterone	Pill		Amnoril (Medicraft), Geogynon (Geofmann), Gyneric (Zephyr), Gynorit (Lahore Chemicals), Hydrate-N (Hygeia),
3.	Levonorgastril	Pill		Mirena (Bayer), Emkist-DS (Zafa), Medkit (Mediate), ECP (Social Marketing), Emergency pills (Hansel), Postinor (Medimpex),
4.	Copper T / Multiload	IUCD		Mirena (Bayer),
5.	DMPA (Medroxyprogesterone acetate)	Injection		Medrosterona (Seignior), Familia (Zafa), Megesterone (Social Marketing), Depo Provera Saheli (Pfizer), Medroxy Depo (Global),
6.	Norethisterone enantate	Injection		Norigest (Bayer), Norifam (Zafa),
7.	Estradiol cypionate + medroxyprogesterone acetate	Injection		
8.	Levonorgastrel releasing implant	Subdermal implant		Jadelle (Bayer), Sino Implant (Shanghai), Implanon (Merck/MSD),
9.	Combined Oral Contraceptive Pill (21 Tabs norgestril and ethinyl estradiol estradiol and 7 Tabs ferrous fumarate tablets)	PO pills		Lo-Ovral (Pfizer), Ovral G (Pfizer), Progyluton (Bayer),
10.	DMPA (medroxyprogesterone acetate) 150mg/ml	Injection		Depo Provera Saheli (Pfizer), Familia (Zafa), Medroxydepo (Global), Megestrone (Social marketing),

Drugs for Genitourinary Disorders

Drugs of Gynaecology

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Oxytocin	Injection	5 IU/ml, 10 IU/ml	Syntocinon (Novartis), Syntomax (Indus), Tocinox (Geofman), Oxytocin (SJ&G), Oxytocin (Amros),
2.	Dinoprostone	Vaginal Tablet	3mg	Glandin E2 (Nabiqasim), Vprestone 2 (Hansel), Gynaid (Wilsons), Preglan E2 (Platinum), Prostin E2 (Pfizer), Dinoprose E2 (Himont),
3.	Progesterone	Pessaries	200mg 400mg	Cyclogest (Excel)
4.	Bromocriptine	Tablet	2.5mg, 10mg	Brolib (Libra), Bromicon (Helicon), Bromocriptine (Medimpex), Bromotin (Caraway), Brotin (Shaigan), Parlodel (Novartis),

Drugs for Genitourinary Disorders

Urinary Retention Disorders

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Oxybutynin	Tablet	3mg, 5mg	Cystrin (A.J and Company), Oxitrin (Dr.Raza pharma), Oxityn (Rakaposhi), Oxynin (Venus), Taivor (Raazee therapeutics), Butyn (Figs pharma),
2.	Doxazocin	Tablet	2mg, 4mg	Dozax (Wilshire), Oxiz (Noa Hemis), Uripas (Searle), Cardura (Pfizer), Doxagit (Glitz), Caydor (Caylex),

Drugs for Genitourinary Disorders

Urinary Alkalanizers

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Sodium Acid Citrate	Solution		Citralka (Pfizer), Acitra (Rock), Hedralka (Heal), Pexocitral (Karachi),

Drugs for Nephrologic Disorders

Dialysis Items/Drugs

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Hollow fiber dializer	Medical Device		Polyethersulfone hollow fiber dialyzer (Renacon), Hollow fiber Dialyzer (Fresinus), Synthetic Hollow fiber Dialyzer (Eliso 13-m) (Nipro),
2.	Dialysis solution	Solution	5.56g/L	CAPD (RG Pharma), Peritoneal Dialysis Soln (Medipak), Renacarb (Renacon Pharma)

Drugs for Nephrologic Disorders

Anti-Hypocalcemic Agents

Sr. No.	Generic Name	Dosage Form	Strength	Brands
1.	Calcitriol	Capsule/Softgel	0.25mcg, 0.5mcg	Rocaltrol (Roche), Rocaltrol (Martin Dow), Calibin (RG Pharma), Caltriol (21st Century), Calciol (Neuro), Oslia (High-Q),



Primary & Secondary
Healthcare Department

LP Portal User Guide

Procurement Cell
Primary and Secondary Healthcare Department
Government of the Punjab.
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For further Information and Contact

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Salient Feature

- Management of Local Purchase of medicine in all hospitals across Punjab
- Identification of medicines that are commonly acquired through LP to enter them in Central Purchase
- Provision of quality medicine to general public through a transparent process of localize drug purchase.
- This portal now facilitate both mode of purchase i.e. Day to Day and petty purchase (59-A, PPR 2014)/ petty purchase through quotation (59-B, PPR 2014).

LP Portal Address

To access the LP Portal type the following in address bar of web browser.

<http://125.209.111.69:9021>

This will open up a page for putting up login and password. Logins and passwords have already been provided to all health facilities.

LP portal has following items on the interface

- Dash Board
- Vendors
- Purchase Order
- Receive Order
- Contact Information
- Help

For Day to Day LP

- **Addition of a Vendor**
 1. Click on the “**Vendors**” tab from the menu on the right side of the screen.
 2. Click on the “**+Add New**” button provided on the right side of the screen.
 3. This will open up a screen below for vendor detail.
 4. Fill up all fields with valid and most up to date information about the vendor and qualified person of the Pharmacy or Distribution.
 5. Enter the discount margins already offered by the vendor in contract.
 6. Click on “**Save**” button at the bottom of the page to save the information you have entered.
 7. You can view all your vendors from the “**View All**” button provided on the right hand side of the interface.

01113438@gm...
Administrator

Dashboard

Vendors

Purchase Order

Receive Order

Contact Information

Help

Vendors

+ Add New + Add Vendor For Quotation View All

Add

Vendor Detail

Name

Store Name

Category Nothing selected

Drug Sale License No.

Drug Sale License renewal Date Enter date

Phone

Email

Fax

URL

Pharmacist Detail

Name

Father Name

CNIC

Category A No.

Category A No renewal Date Enter date

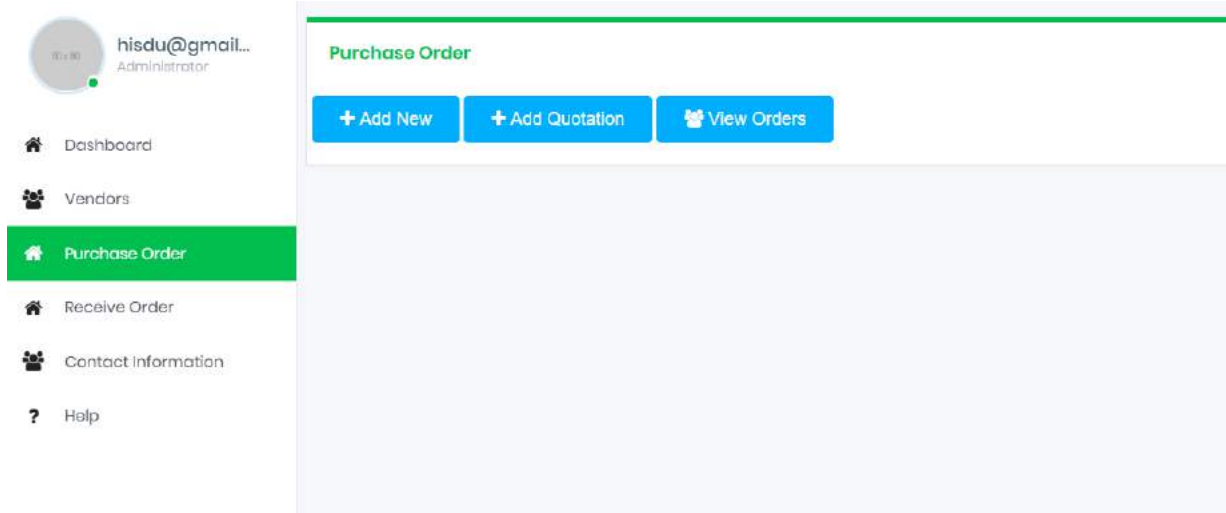
Gender Male Female

Phone

Description Write some detail

- **Generation of a purchase order**

1. Click on the “**Purchase Order**” tab from the menu on the right side of the screen.
2. Click on the “**+Add New**” button provided on the right side of the screen.
3. This will open up a screen below for purchase order detail.



- Put up the order info in term of ward for whom medicine is required, Doctor name who have put up the demand for that specific medicine and his specialty.
- Addition of above information will lead to the opening of a new interface for addition of medicine information.
- It is important to note that only the recently added vendor in the Vendors Detail will be auto selected in purchase order section.

Order Info


Ward Name: Child Ward
Vendor: abc-gahdgash
Doctor Name: Dr Muhammad Ali
Doctor Designation: medical superintendent
Local @ of 5 %
Surgical Local @ of 5 %
Multinational @ of 5 %
Surgical imported @ of 1 %
Surgical @ of 5 %

Order Detail

Medicine: Artemether+ - 15mg+90mg
Brand: Qmetem Plus- Bosch*
Dosage Form: Suspension
Qty: 1


Medicine Brand Dosage Quantity

- Add generic name of medicine from the drop down menu provided in the “**Medicine**” section.
- Select “**Brand**” of that generic item selected before.
- Add “**Dosage Form**” required i.e. Suspension etc.
- Add quantity or unit that want to be purchased.

11. Add any additional remarks if it needed.
12. Click on the cart button  on the right hand side of the screen.
13. This will add up the medicine in the list below.
14. Here user has command to delete any specific medicine that have been added with wrong name or wrong quantity.
15. Purchase order has no specific limit of addition of multiple medicine.
16. Once you have been done with the addition of medicine, click on the “**Save**” button provided at the bottom of the page to save and generation of a purchase order.
17. Each purchase order will have a unique identification code i.e. HF-LP-01.

Order Detail

Medicine	<input type="text" value="- Select Medicine -"/>	Brand	<input type="text" value="- Select Brand -"/>
Dosage Form	<input type="text" value="- Select Dosage Form -"/>	Qty	<input type="text"/>
Remarks	<input type="text"/>		

#	Medicine	Brand	Dosage	Quantity	
1	Artemether+15mg+90mg	Qmetem Plus-Bosch*	Suspension	1	

18. You can view all generated purchase orders from “View Order” button provided at the top of the page.

● Receiving of a Purchase order

1. Click on the Receive Order tab on the left side of the interface.
2. Add unique purchase order number followed by the search button.
3. This will open up the complete purchase order.
4. User here can edit the brand in case if vendor has changed the brand of the product and supplied another brand.
5. User can also edit the quantity of the products, in case if vendor has supplied less quantity than required in the purchase order.
6. User will add the MRP of the obtained product as per label of the product or the invoice, which so ever is convenient.
7. Save the Receive order once it has been done.
8. In case if purchase order contains more than one items, and vendor supplied it partially or in parts, user may access the purchase order again and add receive good status of remaining items.

For Petty/Quotation Purchase

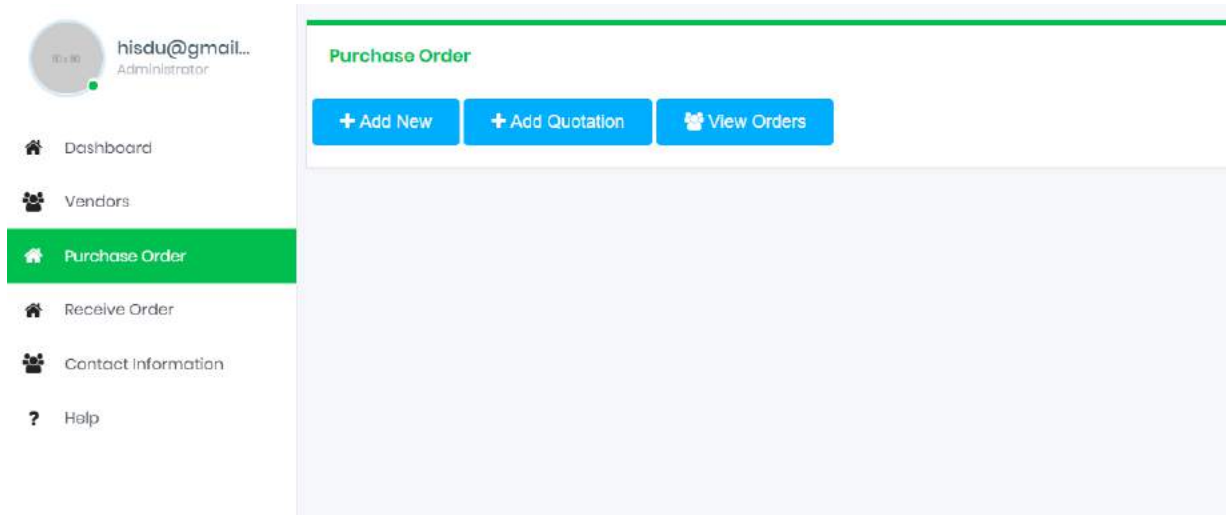
Addition of a Vendor


1. Click on the “**Vendors**” tab from the menu on the right side of the screen.
2. Click on the “**+Add Vendor For Quotation**” button provided on the right side of the screen.
3. This will open up a screen below for vendor detail.
4. Fill up all fields with valid and most up to date information about the vendor including address.
5. Click on “**Save**” button at the bottom of the page to save the information you have entered.
6. You can view all your vendors from the “**View All**” button provided on the right hand side of the interface.


The screenshot displays a web application interface for managing vendors. On the left is a sidebar menu with the following items: Dashboard, Vendors (highlighted in green), Purchase Order, Receive Order, Contact Information, and Help. The top right of the sidebar shows a user profile for '01113438@gm... Administrator'. The main content area is titled 'Vendors' and contains three buttons: '+ Add New', '+ Add Vendor For Quotation', and 'View All'. Below this is a 'Vendor Detail' form with the following fields: Name, Store Name, Category (a dropdown menu currently showing 'Nothing selected'), Drug Sale License No., Phone, and Address. A 'Save' button is located at the bottom right of the form.

Generation of a purchase order for Petty Quotation

1. Click on the **"Purchase Order"** tab from the menu on the right side of the screen.
2. Click on the **"Add Quotation"** button provided on the right side of the screen.
3. This will open up a screen below for purchase order detail.



4. Select the vendor from dropdown list. Only those vendors will be available here which have been entered in the **"Add Vendor For Quotation"** section.
5. Add generic name of medicine from the drop down menu provided in the **"Medicine"** section.
6. Select "Brand" of that generic item selected before.
7. Add dosage form required i.e. Suspension etc.
8. Add quantity or unit that want to be purchased.
9. Add "Market Price" of the selected drug/surgical dispisibles.
10. Add discount offered by the vendor.
11. Quoted price will be automatically calculated depending upon the quantity, market price and discount offered.
12. Add any additional remarks if it needed.
13. Click on the cart button  on the middle of the screen.
14. This will add up the medicine in the list below.
15. Here user has command to delete any specific medicine that have been added with wrong name or wrong quantity.
16. Quotation Purchase order has no specific limit of addition of multiple medicine.
17. Amount/Volume of the purchase order cannot be greater than Rs. 100,000.
18. Click on the save button provided at the bottom of the page to save and generation of a purchase order.
19. Each purchase order will have a unique identification code i.e. HF-LP-01.
20. You can view all generated purchase orders from "View Order" button provided at the top of the page.

Vendor	-Select Vendor-		
Order Detail			
Medicine	- Select Medicine -	Brand	- Select Brand -
Dosage Form	- Select Dosage Form -	Qty	
Market Price		Discount Offered	
Quoted Price		Remarks	
			

21. In case if the purchase is on three quotations, only the quotation with least price or maximum discount will be entered in the portal.

Receiving of a Purchase order

1. Click on the Receive Order tab on the left side of the interface.
2. Add unique purchase order number followed by the search button.
3. This will open up the complete purchase order.
4. User here can edit the brand in case if vendor has changed the brand of the product and supplied another brand.
5. User can also edit the quantity of the products, in case if vendor has supplied less quantity than required in the purchase order.
6. User will add the MRP of the obtained product as per label of the product or the invoice, which so ever is convenient.
7. **“Save”** the Receive order once it has been done.
8. In case if purchase order contains more than one items, and vendor supplied it partially or in parts, user may access the purchase order again and add receive good status of remaining items.

Further Instructions

- Bills/invoices provided by the contractor/firm/agency will be kept by the hospital administration safe and sound.
- As for three quotations, only one quotation will be entered in the portal while remaining two will be kept in the record for future reference.
- It must be the responsibility of the Pharmacist (In-charge/ Focal Person for LP Purchase) to validate the warranty as per Drug Act 1976, provided by the contractor/Distributor/firm/agency.
- Keep visiting the policy guidelines for any update regarding LP Purchase.
- All procurement record should be kept as per PPR-2014.