

**National List  
of Essential Medicines of India  
2011**

## TABLE OF CONTENTS

<b>PREAMBLE</b> .....	4
<b>EXECUTIVE SUMMARY</b> .....	6
<b>Salient features of NLEM 2011:</b> .....	11
The meetings/deliberations of core committee/ National consultation meetings held for preparing the National List of Essential Medicines 2011 .....	12
<b>PROCESS ADOPTED FOR REVISION OF NLEM</b> .....	13
POTENTIAL USES OF NLEM .....	15
EXPERTS WHO PARTICIPATED IN PREPARING NLEM- 2011.....	16
<b>MEDICINES ADDED IN THE NLEM 2011</b> .....	27
MEDICINES DELETED FROM NLEM 2003 .....	29
NATIONAL LIST OF ESSENTIAL MEDICINES 2011 .....	32
Section: 1 – Anesthesia.....	32
Section: 2 - Analgesics , Antipyretics, Nonsteroidal Anti-inflammatory Medicines, Medicines used to treat Gout and Disease Modifying Agents used in Rheumatoid Disorders .....	34
Section: 3 – Antiallergics and Medicines used in Anaphylaxis .....	35
Section: 4 - Antidotes and Other Substances used in Poisonings .....	36
Section: 5 – Anticonvulsants/ Antiepileptics .....	37
Section: 6 – Anti-infective Medicines .....	38
Section: 7 –Antimigraine medicines .....	45
Section: 8 –Antineoplastic, immunosuppressives and medicines used in palliative care.....	46
Section: 9 –Antiparkinsonism medicines .....	49
Section: 10 –Medicines affecting the blood .....	50
Section: 11 –Blood products and Plasma substitutes.....	51
Section: 12 –Cardiovascular medicines .....	52
Section: 13 –Dermatological medicines (Topical).....	55
Section: 14 –Diagnostic agents .....	57
Section: 15 –Disinfectants and antiseptics .....	58
Section: 16 –Diuretics .....	59

Section: 17 – Gastrointestinal medicines .....	60
Section: 18 –Hormones, other endocrine medicines and contraceptives .....	63
Section: 19 Immunologicals .....	66
Section: 20 – Muscle Relaxants (Peripherally acting) and Cholinesterase Inhibitors .....	68
Section: 21 – Ophthalmological Preparations .....	69
Section: 22 – Oxytocics and Antioxytocics.....	70
Section: 23 – Peritoneal Dialysis Solution.....	72
Section: 24 – Psychotherapeutic Medicines.....	72
Section: 25 – Medicines acting on the respiratory tract .....	74
Section: 26 – Solutions correcting water, electrolyte and acid-base disturbances .....	75
Section: 27 – Vitamins and Minerals .....	76
Alphabetical List of Medicines – Therapeutic area wise .....	77
Alphabetical List of Medicines in NLEM 2011.....	94
List of Medicines in NLEM 2011 – Category Wise .....	108

## **PREAMBLE**

Essential medicines are those that satisfy the priority healthcare needs of majority of the population. The essential medicines list needs to be country specific addressing the disease burden of the nation and the commonly used medicines at primary, secondary and tertiary healthcare levels. The medicines in National List of Essential Medicines (NLEM) should be available at affordable costs and with assured quality. The medicines used in the various national health programmes, emerging and reemerging infections should be addressed in the list. The Government of India, Ministry of Health & Family Welfare (MOHFW) is mandated to ensure the quality healthcare system by assuring availability of safe and efficacious medicines for its population.

The primary purpose of NLEM is to promote rational use of medicines considering the three important aspects i.e. cost, safety and efficacy. Furthermore it promotes prescription by generic names. Healthcare delivery institutions, health insurance bodies, standards setting institutions for medicines, medicine price control bodies, health economists and other healthcare stakeholders will be immensely benefitted in framing their policies.

The NLEM 2011 has been prepared after several rounds of wide consultations with experts of different disciplines from different parts of the country and from various organizations.

The NLEM is a dynamic document and feedback from all stakeholders is welcome which will help in its revision at regular basis.

The core committee of NLEM 2011 would like to place on record its appreciation for the subject experts who made a significant contribution in revision and updating the list of essential medicines of India.

## EXECUTIVE SUMMARY

The National list of essential medicines is one of the key instruments in balanced healthcare delivery system of a country which *inter alia* includes accessible, affordable quality medicine at all the primary, secondary, tertiary levels of healthcare. Realizing this GOI, MOHFW decided to have its own essential medicines list. The first National List of Essential Medicines of India was prepared and released in 1996. This list was subsequently revised in 2003.

To address the issues of changing disease prevalence, treatment modalities, introduction of newer medicines and identification of unacceptable risk-benefit profile as well as therapeutic profile of some medicines, the GOI, MOHFW considered the need for updating the NLEM.

Revision of NLEM was also based on the two important national reference documents i.e., Indian Pharmacopeia 2010 and National Formulary of India, 4th Edition, 2010. While the former deals with the standards of identity, purity and strength of medicines the later provides the information on rational use of medicines particularly for healthcare professionals.

In order to revise the NLEM 2003, a core committee was constituted vide order no: 12-01/ Essential Medicines/ 08-DC dated 6th July 2010 GOI, MOHFW with following members.

- Prof. Y. K. Gupta, Head, Department of Pharmacology, All India Institute of Medical Sciences, New Delhi
- Prof. S.K. Sharma, Head, Department of Medicine, All India Institute of Medical Sciences, New Delhi
- Dr. T.S. Sidhu, Medical Superintendent, Dr. Ram Manohar Lohia Hospital, New Delhi
- Dr. A. K. Harit (Chief Medical Officer) representing DDG (M), Dte. GHS, Ministry of Health & Family Welfare, New Delhi
- Dr. D. Kanungo, Addl. DG (Stores) Dte. GHS, Ministry of Health & Family Welfare, New Delhi
- Dr. Chander Shekhar, Scientist F, Indian Council of Medical Research, New Delhi
- Dr. Sukarma S. Tanwar, National AIDS Control Organization, New Delhi
- Mr. V. K. Tyagi, Deputy Industrial Advisor, Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, New Delhi

- Dr. G. N. Singh, Secretary-cum-Scientific Director, Indian Pharmacopoeia Commission, Ghaziabad
- Dr. Surinder Singh, Drugs Controller General (India), Dte.GHS, Ministry of Health & Family Welfare, New Delhi

The first meeting of the core committee of NLEM was held at CDSCO on July 22, 2010. The meeting was initiated by DCGI, Dr. Surinder Singh, Dr. Y. K. Gupta, Professor & Head, Department of Pharmacology, AIIMS, New Delhi was unanimously nominated as chairman of the Committee.

During this meeting the core committee was informed that the CDSCO had already taken an initiative in this direction and organized a workshop entitled “Expert Group Meeting on Revision and Updating of the National List of Essential Medicines” on September 16, 2009 in collaboration with Department of Pharmacology, AIIMS and WHO India Office. The workshop was attended by representatives from the following: CDSCO, Ministry of Health; WHO; All India Institute of Medical Sciences, New Delhi; Indian Pharmacopoeia Commission; Indian Council of Medical Research and experts of different disciplines from leading medical and pharmacy institutions of the country.

The issue of updating NLEM was also deliberated in a dedicated session during the Annual Conference of Indian Pharmacological Society, December 2009 at



Kolkata and the session was chaired by Prof. Y K Gupta, AIIMS and Dr. K Weerasuriya, WHO-SEARO. The core committee took note of the proceedings of these two meetings while revising the NLEM.

In this core committee meeting it was deliberated that although WHO has prepared an updated list of “Essential Medicines”, it cannot be adopted as such. The NLEM of India should be country specific considering the disease prevalence, cost effectiveness of Medicines etc in the country.

In the meeting the criteria for inclusion/ deletion of medicines were developed and a road map for the revision and updating of NLEM, 2003 was drawn.

Sh. V. K. Tyagi from Department of Pharmaceuticals (DoP), Ministry of Chemicals & Fertilizers emphasized the importance of NLEM in view of the directions of the Hon’ble Supreme Court of India. He also mentioned that DoP may rely on the NLEM prepared by MOH &FW for price fixation.

During the meeting it was felt that opinion/views may be taken from across the country by organizing brainstorming regional workshops. However, considering the logistics and time constraints it was decided that a National consultation meet should be organized in Delhi inviting experts from various specialties and from different parts of the country.

Accordingly “National Consultation Meet for Revision of National List of Essential Medicines” was organized by Department of Pharmacology, AIIMS & Central Drugs Standard Control Organization (CDSCO), Ministry of Health and Family Welfare on December 3-4, 2010. The meet was supported by WHO India office. Experts from different disciplines from medical and pharmaceutical institutes, hospitals from across the country and concerned government agencies participated. After initial briefing, four groups were formed according to therapeutic areas. The groups were asked to specifically give the reasons/evidence which guided their decision regarding addition/deletion/alteration. Subsequently the recommendations of the individual groups were discussed in the open house. Thereafter the draft recommendations of the Workshop were prepared with general consensus.

The recommendations of the Workshop were further deliberated upon by the Expert Core Committee on 4<sup>th</sup> Jan 2011 and 31<sup>st</sup> Jan 2011 at CDSCO. The revised NLEM 2011 has thus been prepared.

The Expert Core Committee recommended that all the medicines which are being provided under various National Health Programmes are considered as essential medicines.

### **Salient features of NLEM 2011:**

The medicines have been categorized according to therapeutic area. Therefore it is possible that a medicine with more than one indication appears in more than one category.

The issue of mentioning the strength of the medicine dose was deliberated. The committee took the considered view that the strength should be mentioned in the NLEM.

For essentiality of requirement the medicines have been categorized as follows:

- P, S and T denote essentiality at Primary, Secondary and Tertiary levels respectively while P, S, T (U in NLEM 2003) indicates essentiality at all the levels.

A total of 348 medicines (excluding repetitions) are present in NLEM 2011. In the NLEM 2011, 181 medicines fall under the category of P, S and T, 106 medicines fall under the category of S, T while 61 medicines are categorized as T only. In comparison to NLEM 2003, number of medicines deleted is 47 and 43 medicines have been added.

## **The meetings/deliberations of core committee/ National consultation meetings held for preparing the National List of Essential Medicines 2011**

### **Core Committee Meetings**

1. The first meeting was held at CDSCO, FDA Bhawan on July 22, 2010
2. The second meeting was held at CDSCO, FDA Bhawan on January 4, 2011
3. The third meeting was held at CDSCO , FDA Bhawan on 31<sup>st</sup> Jan,2011

### **National Consultation Meetings**

1. The first consultation meet was held on September 16, 2009 at Department of Pharmacology, AIIMS, New Delhi
2. The second National consultation meet was held on December 3-4, 2010 at Department of Pharmacology, AIIMS, New Delhi

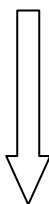
### **Other Deliberations:**

1. A dedicated session on National Essential Medicine List was organized during 42<sup>nd</sup> Annual conference of Indian Pharmacological Society, on 11<sup>th</sup> December, 2009 at Swabhumi, Kolkata

## PROCESS ADOPTED FOR REVISION OF NLEM

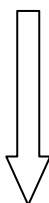
**National List of Essential Medicines 2003**

**(Base document)**



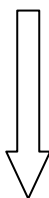
**Consultation meetings with Experts**

**Deliberation on Evidence based criteria for addition and deletion of medicines from the NLEM**



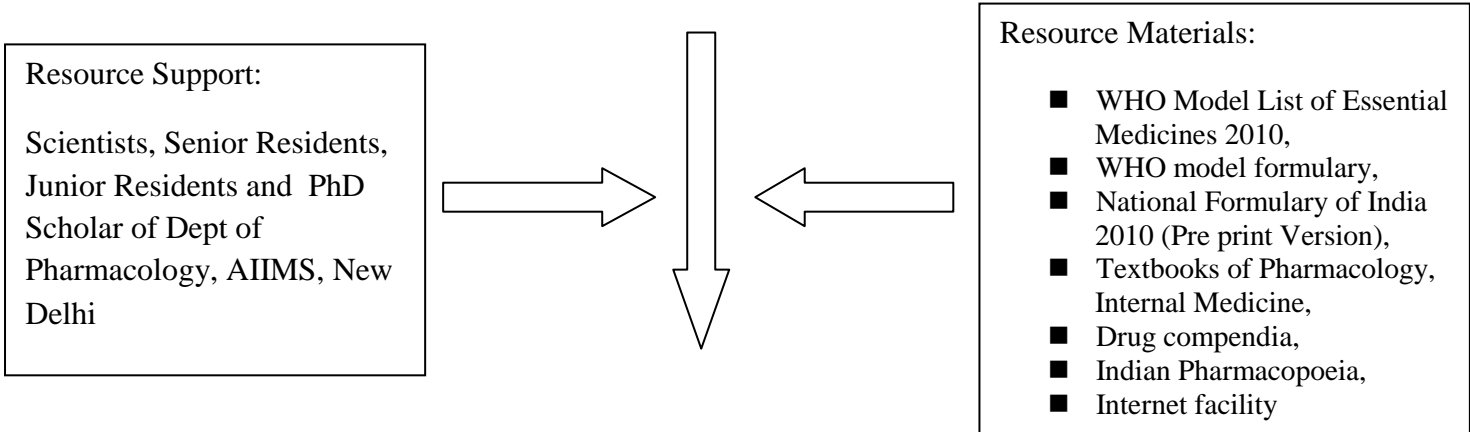
**Therapeutic area wise group discussion**

**(Group composition: Clinicians, Pharmacologists, Pharmacists, Scientists and Regulators)**

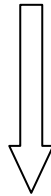


***REVISION PROCESS contd...***

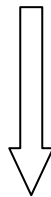
## Presentation by groups in open house discussion



**Deliberations/ discussion and reasoning for additions/  
deletions/modifications**



**Draft recommendations for NLEM**



**Consideration and adoption of NLEM by the Core  
Committee**

## POTENTIAL USES OF NLEM

The concept of essential medicines, first introduced by WHO in 1977, has now been adopted by many countries, non-governmental organizations and international non-profit supply agencies. The list is considered to include the most cost-effective medicines for a particular indication. It is developed in concordance with the standard treatment guidelines keeping in mind the healthcare needs of the majority of the population. Careful selection of a limited range of essential medicines results in a higher quality of care, better management of medicines and more cost-effective use of health resources.

The list of essential medicines guides the hospital drug policies, procurement and supply of medicines in public sector, medicine cost reimbursement and medicine donations. It helps in monitoring the pricing of medicines. The list serves as a reference document for correct dosage form and strength for prescribing. Preference is given to single drug formulations as opposed to fixed dose combinations where appropriate. Hence use of NLEM is expected to improve prescribing practices as well as the health outcomes. The appropriate use of medicines selected in the NLEM promotes rational use of medicines. Such rational use of medicines, especially antimicrobial drugs, reduces development of drug resistance. The list also serves as a reference for assessing the healthcare access of the populace. Lastly, NEML serves as a tool for public education and training of healthcare providers.

## EXPERTS WHO PARTICIPATED IN PREPARING NLEM- 2011

S.No	NAME	AFFILIATION	Specialization/ Department	Meeting held on September 16, 2009	Meeting held on December 3-4, 2010
1.	A B RAMTEKE	Joint Drug Controller (India), CDSCO, FDA Bhawan, Kotla Road, New Delhi	Regulatory Body	✓	✓
2.	A K PRADHAN	Assistant Drug Controller, CDSCO, FDA Bhawan, Kotla Road, New Delhi	Regulatory Body	✓	✓
3.	ANANT MOHAN	Associate Professor, Dept. of Medicine, AIIMS, New Delhi	Medicine	✓	✓
4.	ARTI KAPIL	Professor, Dept of Microbiology, AIIMS, New Delhi	Microbiology	✓	✓
5.	ARUN K AGARWAL	Dean and Director Professor Department of ENT Maulana Azad Medical College New Delhi	ENT	--	✓
6.	ASEEM SAHU	Technical Officer, CDSCO, FDA Bhawan, Kotla Road, New Delhi	Regulatory Body	✓	✓
7.	BALRAM BHARGAVA	Professor, Dept. of Cardiology, AIIMS, New Delhi	Cardiology	✓	---



S.No	NAME	AFFILIATION	Specialization/ Department	Meeting held on September 16, 2009	Meeting held on December 3-4, 2010
8.	BIKASH MEDHI	Associate Professor, Department of Pharmacology, PGIMER, Chandigarh	Pharmacology	✓	✓
9.	BISWA MOHAN PADHY	Asst. Professor Department of Pharmacology HIMSR, Jamia Hamdard	Pharmacology	✓	✓
10.	C D TRIPATHI	Professor and Head, Dept. of Pharmacology, Vardhman Medical College and Hospital, New Delhi	Pharmacology	✓	--
11.	D K SHARMA	Medical Superintendent, AIIMS, New Delhi	Medicine	✓	✓
12.	D. KANUNGO	Addl. DG (Stores), DGHS, MOHFW, Nirman Bhawan, New Delhi	MOHFW	--	✓
13.	DEEPIKA DEKA	Professor, Dept. of Obstetrics & Gynaecology, AIIMS, New Delhi.	Gynaecology	✓	--
14.	G PARTHASARATHI	Prof & Head Dept. of Clinical Pharmacy JSS College of Pharmacy and JSS Medical College Mysore	Pharmacy	---	✓
15.	GAURAV KUMAR	Technical Officer, CDSCO, FDA Bhawan, Kotla Road, New Delhi	Regulatory Body	✓	✓

S.No	NAME	AFFILIATION	Specialization/ Department	Meeting held on September 16, 2009	Meeting held on December 3-4, 2010
16.	GN SINGH	Secretary-cum-Scientific Director, Indian Pharmacopeia Commission, Govt of India , Ghaziabad	Pharmacy ,	--	✓
17.	JAGRITI BHATIA	Assistant Professor, Dept. of Pharmacology, AIIMS, New Delhi	Pharmacology	✓	✓
18.	JAI PRAKASH	Principal Scientist, Indian Pharmacopoea Commission , Govt of India Ghaziabad	Pharmacy	✓	✓
19.	JANARDAN PANDEY	Jt. Advisor Department of AYUSH, Ministry of health and Family Welfare ,Govt of India	MOHFW	---	✓
20.	JATINDER KATYAL	Associate Professor, Dept. of Pharmacology, AIIMS, New Delhi	Pharmacology	✓	✓
21.	JITENDRA	Department of Hospital Administration, AIIMS, New Delhi	Hospital Administration	--	✓
22.	K D BARMAN	Asstt. Professor Department of Dermatology & STD, Maulana Azad Medical College New Delhi	Dermatology and STD	--	✓
23.	K H REETA	Assistant Professor, Dept. of Pharmacology, AIIMS, New Delhi	Pharmacology	✓	✓

S.No	NAME	AFFILIATION	Specialization/ Department	Meeting held on September 16, 2009	Meeting held on December 3-4, 2010
24.	K K PANT	Professor and Head, Dept. of Pharmacology, CSM Medical College and Hospital, Lucknow	Pharmacology	✓	✓
25.	K K SHARMA	Professor and Head, Dept. of Pharmacology, UCMS, New Delhi	Pharmacology	✓	---
26.	K WEERASURIYA	Regional Adviser Essential Drugs and Medicines Policy World Health Organization – SEARO	Clinical Pharmacology	✓	--
27.	KAMAL KISHORE	Professor, Dept. of Pharmacology, AIIMS, New Delhi	Pharmacology	✓	--
28.	M C GUPTA	Professor and Head, Dept. of Pharmacology, PGIMS, Rohtak, Haryana	Pharmacology	✓	--
29.	MADHUR GUPTA	NPO Essential Drugs and Medicines WHO country office for India	Clinical Pharmacology	--	✓
30.	MADHURI BEHARI	Professor and Head, Dept. of Neurology, AIIMS, New Delhi	Neurology	✓	✓
31.	MANJARI TRIPATHI	Associate Professor, Dept. of Neurology, AIIMS, New Delhi	Neurology	✓	--

S.No	NAME	AFFILIATION	Specialization/ Department	Meeting held on September 16, 2009	Meeting held on December 3-4, 2010
32.	MK DAGA	Director Professor Department of Medicine Maulana Azad Medical College New Delhi	Medicine	---	✓
33.	MPS CHAWLA	Department of Medicine RML Hospital, New Delhi	Medicine	---	✓
34.	MUKUL MATHUR	Associate Professor Dept. of Pharmacology SMS Medical college, Jaipur	Pharmacology	---	✓
35.	N R BISWAS	Professor, Dept. of Pharmacology, AIIMS, New Delhi	Clinical Pharmacology	✓	--
36.	NARESH KHANNA	Professor, Dept. of Pharmacology, UCMS, New Delhi	Pharmacology	✓	✓
37.	NASEEM SHAH	Chief, Professor and Head Centre for Dental Education and Research AIIMS, New Delhi	Dental Medicine	✓	---
38.	AJOY ROYCHAUDHURY	Associate Professor, Centre for Dental Education and Research AIIMS, New Delhi	Dental Medicine	--	✓
39.	NEENA MALHOTRA	Associate Professor Department of Obstetrics and Gynaecology, AIIMS, New Delhi	Obstetrics and gynecology	---	✓
40.	NEENA VALECHA	Dy. Director, National Institute of Malaria Research, Dwarka, New Delhi	Pharmacolgy and Malaria experti	✓	-√--

S.No	NAME	AFFILIATION	Specialization/ Department	Meeting held on September 16, 2009	Meeting held on December 3-4, 2010
41.	O P AGARWAL	Emeritus Scientist, Indian Council of Medical Research, New Delhi	Pharmacology	✓	---
42.	P K MEDIRATTA	Professor, Dept. of Pharmacology, UCMS, New Delhi	Pharmacology	✓	✓
43.	P USHA RANI	Department of Pharmacology Nizams Institute of Medical Sciences, Hyderabad	Clinical Pharmacology	---	✓
44.	PRAMIL TIWARI	Professor & Head, Dept. of Pharmacy Practice, NIPER, SAS Nagar, Mohali, Punjab	Pharmacy	✓	---
45.	PRAMOD GARG	Associate Professor Department of Gastroenterology and Human Nutrition, AIIMS, New Delhi	Gastroenterology ysician	---	✓
46.	PRAVEEN AGGARWAL	Professor and Head, Dept. of Emergency Medicine, AIIMS, New Delhi	Medicine	✓	✓
47.	R C DEKA	Director, AIIMS, New Delhi.	Health Administrator and ENT	✓	✓---
48.	R K BATRA	Professor , Dept. of Anaesthesia and Intensive Care, AIIMS, New Delhi	Anaesthesia	✓	✓

S.No	NAME	AFFILIATION	Specialization/ Department	Meeting held on September 16, 2009	Meeting held on December 3-4, 2010
49.	RAJENDRA PRASAD	Prof & Head Dept of Pulmonary Medicine CSM Medical College and Hospital, Lucknow	Pulmonary medicine	---	✓
50.	RAJNI KAUL	Scientist E, Indian Council of Medical Research, New Delhi	Basic Scientist	✓	---
51.	RAKESH CHADDHA	Professor Department of Psychiatry AIIMS	Psychiatry	---	✓
52.	RAKESH YADAV	Associate Professor, Dept of Cardiology, AIIMS, New Delhi	Cardiology	✓	✓
53.	RESHU AGARWAL	Programme Officer (CST), NACO, New Delhi	Medicine	---	✓
54.	ROHIT SAXENA	Associate Professor Dr. R P Centre for Ophthalmic Sciences AIIMS	Ophthalmology	---	✓
55.	S K TRIPATHI	Professor and Head, Dept. of Clinical Pharmacology, School of Tropical Medicine, Kolkata, WB	Clinical Pharmacology	✓	✓
56.	SAMEER BAKSHI	Associate Professor, Medical Oncology, IRCH, AIIMS, New Delhi	Medical Oncology	✓	✓

S.No	NAME	AFFILIATION	Specialization/ Department	Meeting held on September 16, 2009	Meeting held on December 3-4, 2010
57.	SANDEEP KAUSHAL	Professor & Head, Department of Pharmacology, Dayanand Medical College, Ludhiana	Pharmacology	✓	---
58.	SANGEETA SHARMA	Professor & Head, Dept of Neuropsychopharmacology, IHBAS, Delhi	Clinical Pharmacology	✓	✓
59.	SANJAY KR. RAI	Associate Professor, Centre for Community Medicine AIIMS, New Delhi.	Community Medicine	---	✓
60.	SEEMA DUBEY	Chief Pharmacist Institute of Liver and Biliary Sciences New Delhi	Pharmacy	---	✓
61.	SHAKTI GUPTA	Medical Superintendent, R.P. Centre for Ophthalmic Sciences & Head, Dept. of Hosp. Administration, AIIMS, New Delhi	Hospital Administration	✓	✓
62.	SHARDA PESHIN	Scientist, National Poison Information Centre , Dept. of Pharmacology, AIIMS, New Delhi	Toxicology	✓	✓
63.	SHRIDHAR DWIVEDI	Professor and Head, Department of Medicine UCMS, New Delhi	Medicine	---	✓

S.No	NAME	AFFILIATION	Specialization/ Department	Meeting held on September 16, 2009	Meeting held on December 3-4, 2010
64.	SHYAM SUNDER SHARMA	Associate Professor Department of Pharmacology, NIPER, Mohali	Pharmacology	---	✓
65.	SK MAULIK	Professor Department of Pharmacology AIIMS, New Delhi	Pharmacology	---	✓
66.	SK PRADHAN	DDGM DGHS, MOHFW New Delhi	Community Medicine	---	✓
67.	SUNIL KULSHESTRA	Technical Officer, CDSCO, FDA Bhawan, Kotla Road, New Delhi	Pharmacy Regulatory Body	✓	✓
68.	SUNIL NANDRAJ	National Professional Officer (Health Systems Development), World Health Organization, New Delhi	WHO	✓	---
69.	SURENDER SINGH	Assistant Professor, Dept. of Pharmacology, AIIMS, New Delhi	Pharmacy and Pharmacology	✓	✓
70.	T.S. SIDHU,	Medical Superintendent, RML Hospital, New Delhi	ENT surgeon and Hospital Administration	---	✓
71.	TUSHAR AGGARWAL	Assistant Professor Department of Ophthalmology AIIMS, New Delhi	Ophthalmology	---	✓
72.	U S GARG	Department of Hospital Administration, AIIMS, New Delhi	Hospital Administration	---	✓



S.No	NAME	AFFILIATION	Specialization/ Department	Meeting held on September 16, 2009	Meeting held on December 3-4, 2010
73.	UMA TEKUR	Director Professor & Head, Department of Pharmacology Maulana Azad Medical College, New Delhi	Pharmacology	---	✓
74.	V K PAUL	Professor & Head Department of Pediatrics AIIMS, New Delhi	Pediatrics	✓	---
75.	V. K. TYAGI	Deputy Industrial Advisor, Dept. of Pharmaceuticals, Ministry of Chemical & Fertilisers, New Delhi	Ministry of Chemicals & Fertilizers	---	✓
76.	VANDANA JAIN	Assistant Professor, Dept. of Pediatrics, AIIMS, New Delhi	Pediatrics	✓	---
77.	VIJAY KUMAR	Scientist F, Indian Council of Medical Research, New Delhi	Health administrator	✓	---
78.	VINAY GULATI	Assistant Professor, Department of Medicine, AIIMS, New Delhi	Medicine	✓	---
79.	VINOD RAINA	Professor and Head, Medical Oncology, Institute Cancer Rotary Hospital (IRCH), AIIMS, New Delhi	Medical Oncology	✓	---
80.	VISHAL KUMAR MALHOTRA	Medical Officer Chacha Nehru Bal Chikitsalaya New Delhi	Pediatrics	---	✓

S.No	NAME	AFFILIATION	Specialization/ Department	Meeting held on September 16, 2009	Meeting held on December 3-4, 2010
81.	VIVEK ARYA	Associate Professor Department of Medicine PGIMER, Dr. RML Hospital, New Delhi	Medicine	---	✓
82.	Y K GUPTA	Professor and Head, Dept of Pharmacology, AIIMS, New Delhi	Pharmacology	✓	✓
83.	YASHPAL SHARMA	Additional Professor Department of Cardiology, PGIMER, Chandigarh	Cardiology	---	✓
84.	Pooja Gupta	Senior Resident, Department of Pharmacology, AIIMS, New Delhi	Clinical Pharmacology	✓	✓
85.	Ashish Kumar Kakkar	Senior Resident, Department of Pharmacology, AIIMS, New Delhi	Clinical Pharmacology	--	✓
86.	Sudhir Chandra Sarangi	Senior Resident, Department of Pharmacology, AIIMS, New Delhi	Clinical Pharmacology	✓	✓
87.	Saravana Perumal S	Technical Associate (PvPI) Department of Pharmacology, AIIMS, New Delhi	Pharmacy	✓	✓

<b>MEDICINES ADDED IN THE NLEM - 2011</b>	
<b>S.No.</b>	<b>Name of the medicine</b>
1.	25% Dextrose
2.	5-Amino salicylic Acid (5-ASA)
3.	Allopurinol
4.	Amoxicillin+Clavulinic acid
5.	Atorvastatin
6.	Betamethasone
7.	Carboplatin
8.	Cefixime
9.	Cetirizine
10.	Chlorambucil
11.	Clindamycin
12.	Clopidogrel
13.	Dacarbazine
14.	Daunorubicin
15.	Diazepam
16.	EMLA cream
17.	Enoxaparin
18.	Famotidine
19.	Fentanyl
20.	Filgrastim
21.	Hydroxychloroquine phosphate
22.	Ifosfamide
23.	Imatinib

24.	Ipratropium bromide
25.	Leflunomide
26.	Lorazepam
27.	Mefloquine
28.	Mesna
29.	Misoprostol
30.	N-acetylcysteine
31.	Olanzapine
32.	Oxaliplatin
33.	Pantoprazole
34.	Permethrin
35.	Piperazine
36.	Premix Insulin 30:70 injection
37.	Propofol
38.	Sevoflurane
39.	Stavudine+Lamivudine
40.	Tramadol
41.	Vecuronium
42.	Zidovudine+Lamivudine+Nevirapine
43.	Zinc Sulfate

<b>MEDICINES DELETED FROM NLEM - 2003</b>	
<b>S.No.</b>	<b>Name of the medicine</b>
1.	Acenocoumarol
2.	Aminophylline
3.	Benzoic Acid + Salicylic Acid
4.	Benzylpenicillin
5.	Bretylum Tosylate
6.	Cefuroxime
7.	Centchroman
8.	Chloramphenicol
9.	Chlorthalidone
10.	Clarithromycin
11.	Clomipramine hydrochloride
12.	Clonidine Hydrochloride
13.	Doxapram
14.	Ethyl Chloride
15.	Flucytosine
16.	Furazolidone
17.	Gamma Benzene Hexachloride
18.	Isoprenaline Hydrochloride
19.	Isoxsuprine hydrochloride
20.	Ketoconazole
21.	Loperamide
22.	Mebendazole

<b>MEDICINES DELETED FROM NLEM - 2003</b>	
<b>S.No.</b>	<b>Name of the medicine</b>
23.	Menadione Sodium Sulphite
24.	Mexiletine Hydrochloride
25.	Nalidixic Acid
26.	Niclosamide
27.	Nitrazepam
28.	Norfloxacin
29.	Pancuronium
30.	Pentazocine
31.	Pethidine Hydrochloride
32.	Physostigmine Salicylate
33.	Procaine Benzylpenicillin
34.	Prochlorperazine
35.	Pyrantel Pamoate
36.	Quinidine
37.	Roxithromycin
38.	Silver Nitrate
39.	Terazosin
40.	Tetracycline
41.	Tetracycline Hydrochloride
42.	Theophylline compounds
43.	Thiacetazone + Isoniazid
44.	Tinidazole
45.	Trifluoperazine

<b>MEDICINES DELETED FROM NLEM - 2003</b>	
<b>S.No.</b>	<b>Name of the medicine</b>
46.	Trimethoprim
47.	Xylometazoline

# NATIONAL LIST OF ESSENTIAL MEDICINES 2011

## Section: 1 – Anesthesia

### 1.1 General Anesthetics and Oxygen

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Ether	S, T	Inhalation	--
Halothane with vaporizer	S, T	Inhalation	
Isoflurane	S, T	Inhalation	
Ketamine Hydrochloride	P, S, T	Injection	10 mg / ml, 50 mg / ml
Nitrous Oxide	P, S, T	Inhalation	
Oxygen	P, S, T	Inhalation	
Thiopentone Sodium	S, T	Injection	0.5 g, 1 g powder

### Added Medicines

Sevoflurane	T	Inhalation	
Propofol	P,S,T	Injection	1% oil suspension

### 1.2 Local Anesthetics

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Bupivacaine Hydrochloride	S, T	Injection	0.25%, 0.5%, 0.5% to be mixed with 7.5% glucose solution



Lignocaine Hydrochloride	P, S, T	Topical Forms, Injection, Spinal	2-5%, 1-2%, 5% +7.5% Glucose
Lignocaine Hydrochloride + Adrenaline	P, S, T	Injection	1%, 2% + Adrenaline1:200,000
<b>Added Medicines</b>			
EMLA cream	T	Cream	
<b>1.3 Preoperative Medication and Sedation for Short Term Procedures</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Atropine Sulphate	P, S, T	Injection	0.6 mg / ml
Diazepam	P,S,T S, T	Tablets Injection, Syrup, Suppository	5 mg 5 mg / ml 2mg/5ml 5 mg
Midazolam	P, S, T	Injection	1 mg / ml 5 mg / ml
Morphine Sulphate	S, T	Injection	10 mg / ml
Promethazine	P, S, T	Syrup	5 mg / 5 ml

## Section: 2 - Analgesics , Antipyretics, Nonsteroidal Anti-inflammatory Medicines, Medicines used to treat Gout and Disease Modifying Agents used in Rheumatoid Disorders

### 2.1: Non-Opioid Analgesics, Antipyretics and Nonsteroidal Anti-inflammatory Medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Acetyl Salicylic Acid	P, S, T	Tablets	325mg, 350 mg
Diclofenac	T	Tablets	50 mg
	T	Injection	25 mg / ml
Ibuprofen	P, S, T	Tablets	200 mg, 400 mg
		Syrup	100mg/5ml
Paracetamol	P, S, T	Injection	150 mg / ml
	P, S, T	Syrup	125 mg / 5ml
	P, S, T	Tablets	500 mg
	P, S, T	Suppository	80 mg, 170 mg

### 2.2 Opioid Analgesics

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Morphine Sulphate	S, T	Injection	10 mg / ml
		Tablets	10 mg

#### Added medicines

Tramadol	S,T	Injection	50 mg/ml
		Cap	50 mg,100 mg
Fentanyl	S,T	Injection	50µg/ml 2ml ampoule

<b>2.3 Medicines used to treat Gout</b>			
Allopurinol	S, T	Tablets	100 mg
Colchicine	S, T	Tablets	0.5 mg
<b>2.4 Disease modifying agents used in Rheumatoid disorders</b>			
Azathioprine	S, T	Tablets	50 mg
Methotrexate	S,T	Tablets	5mg, 7.5mg, 10mg
Sulfasalazine	S, T	Tablets	500 mg
<b>Added medicines</b>			
Hydroxychloroquine phosphate	S,T	Tablets	200 mg
Leflunomide	S,T	Tablets	10mg ,20 mg tab

<b>Section: 3 – Antiallergics and Medicines used in Anaphylaxis</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Adrenaline Bitartrate	P, S, T	Injection	1 mg / ml
Chlorpheniramine Maleate	P, S, T	Tablets	4 mg
Dexchlorpheniramine Maleate	P, S, T	Syrup	0.5 mg / 5 ml
Dexamethasone	P, S, T	Tablets	0.5 mg
		Injection	4 mg / ml
Hydrocortisone Sodium Succinate	P, S, T	Injection	100 mg
Pheniramine Maleate	P, S, T	Injection	22.75 mg / ml
Prednisolone	P, S, T	Tablets	5 mg, 10 mg, 20 mg
Promethazine	P, S, T	Tablets	10 mg, 25 mg
		Syrup	5 mg / 5 ml
<b>Added Medicines</b>			
Cetirizine	P,S,T	Tablets	10mg
		Syrup	5 mg/ml

**NLEM 2011**

**Section: 4 - Antidotes and Other Substances used in Poisonings**

**4.1: Nonspecific**

<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Activated Charcoal	P,S,T	Oral	

**4.2: Specific**

<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Atropine Sulphate	P,S,T	Injection	1 mg/ml
Specific Antisnake venom	P,S,T	Injection Polyvalent Solution/ Lyophilized Polyvalent Serum	
Calcium gluconate	P,S,T	Injection	100mg/ml
Desferrioxamine mesylate	S, T	Injection	500mg
Methylthioninium chloride (Methylene blue)	S, T	Injection	10 mg / ml
Penicillamine	S, T	Tablets or Capsules	250 mg
Dimercaprol	S, T	Injection in oil	50 mg / ml
Flumazenil	T	Injection	0.1 mg / ml
Sodium Nitrite	S, T	Injection	30 mg / ml
Sodium Thiosulphate	S, T	Injection	250 mg/ ml
Naloxone	P,S,T	Injection	0.4mg/ml
Pralidoxime Chloride(2-PAM)	P,S,T	Injection	25 mg/ml

**Added medicines:**

N-acetylcysteine	P,S,T	Injection	200 mg/ml (5 ml)
------------------	-------	-----------	------------------

## Section: 5 – Anticonvulsants/ Antiepileptics

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Carbamazepine	P, S, T	Tablets	100mg
		Syrup	200mg
			100 mg/5ml
Diazepam	P,S,T	Injection	5 mg / ml
Magnesium sulphate	S,T	Injection	500 mg /ml
Phenobarbitone	P,S,T	Tablets	30 mg,60 mg
	S,T	Injection	200 mg/ml
	P,S,T	Syrup	20 mg/5ml
Phenytoin Sodium	P,S,T	Capsules or Tablets	50 mg,
		Syrup	100mg
		Injection	25mg/ml
Sodium Valproate	P,S,T	Tablets	200 mg,
		Syrup	500mg
	T	Injection	200 mg/5ml
		Injection	100 mg/ml
<b>Added Medicines</b>			
Lorazepam	T	Injection	2mg/ml

## Section: 6 – Anti-infective Medicines

### 6.1 Anthelmintics

#### 6.1.1 Intestinal Anthelmintics

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Albendazole	P,S,T	Tablets Suspension	400 mg 200 mg/ 5 ml

#### Added Medicines

Piperazine	P,S,T	Tablets Solution	4.5 gm 750mg/5ml
------------	-------	---------------------	---------------------

#### 6.1.2 Antifilarials

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Diethylcarbamazine citrate	P,S,T	Tablets	50 mg

#### 6.1.3 Antischistosomes and Antitrematode Medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Praziquantel	S, T	Tablets	600 mg

### 6.2 Antibacterials

#### 6.2.1 Beta lactam medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Amoxicillin	S,T	Powder for suspension Capsules	125 mg / 5 ml 250 mg, 500 mg
Ampicillin	P,S,T	Capsules Powder for suspension Injection	250 mg, 500 mg 125 mg / 5 ml 500 mg

Benzathine Benzylpenicillin	P,S,T	Injection	6 lacs, 12 lacs units
Cefotaxime	S, T	Injection	125 mg, 250 mg 500 mg
Ceftazidime	S, T	Injection	250mg, 1g
Ceftriaxone	S, T	Injection	250 mg, 1 g
Cephalexin	P,S,T	Syrup Capsules	125 mg / 5 ml 250 mg, 500 mg
Cloxacillin	P,S,T	Capsules Injection Liquid	250 mg, 500 mg 250 mg 125mg/ 5 ml
<b>Added Medicines</b>			
Amoxicillin + Clavulnic acid	T	Tablets	625 mg
		Powder for suspension	228.5mg/5ml
		Injection	600mg, 1.2gm
Cefixime	T	Tablet	100, 200mg
<b>6.2.2 Other antibacterials</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Amikacin	S, T	Injection	250 mg / 2 ml
Azithromycin	S,T	Tablets	100, 250,500mg
		Suspension	100mg/5ml
		Injection	500mg
Ciprofloxacin Hydrochloride	P,S,T	Injection	200 mg /100 ml
		Tablets	250 mg, 500 mg
Co-Trimoxazole (Trimethoprim + Sulphamethoxazole)	P,S,T	Tablets	80 + 400 mg, 160+800 mg
		Suspension	40 + 200 mg / 5 ml

Doxycycline	P,S,T	Tablets	100 mg
Erythromycin Estolate	P,S,T	Syrup Tablets	125 mg / 5 ml 250 mg, 500 mg
Gentamicin	P,S,T	Injection	10 mg / ml, 40 mg / ml
Metronidazole	P,S,T	Tablet Injection Syrup	200mg,400mg 500mg/100ml 100mg/5ml
Nitrofurantoin	P,S,T	Tablets	100 mg
Sulphadiazine	S, T	Tablets	500 mg
Vancomycin Hydrochloride	T	Injection	500 mg, 1 g

#### 6.2.3 Antileprosy medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Clofazimine	P,S, T	Capsules	50 mg, 100 mg
Dapsone	P,S, T	Tablets	50 mg, 100mg
Rifampicin	P,S, T	Capsules or Tablets	150 mg, 300 mg

#### 6.2.4 Antituberculosis medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Ethambutol	P,S,T	Tablets	200 mg, 400 mg, 600 mg, 800 mg
Isoniazid	P,S,T	Tablets Syrup	50 mg, 100 mg, 300 mg 100 mg/5ml
Ofloxacin	S, T	Tablets Syrup	100 mg, 200 mg 50 mg / 5 ml
Pyrazinamide	P,S,T	Tablets	500 mg, 750 mg, 1000 mg, 1500 mg



Rifampicin	P,S,T	Capsules/Tablets Syrup	50 mg, 150 mg, 300 mg,450 mg 100 mg / 5 ml
Streptomycin Sulphate	P,S,T	Injection	0.75 g, 1 g
<b>6.3 Antifungal medicines</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Amphotericin B	S, T	Injection	50 mg
Clotrimazole	P,S,T	Pessaries Gel	100 mg, 200 mg, 2%
Fluconazole	S, T	Capsules or Tablets	50 mg, 100 mg, 150 mg, 200 mg
Griseofulvin	P,S,T	Capsules or Tablets	125 mg, 250 mg
Nystatin	P,S,T	Tablets Pessaries	500,000 IU 100,000 IU
<b>6.4 Antiviral medicines</b>			
<b>6.4.1 Antiherpes medicines</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Acyclovir	S, T	Tablets Injection Suspension	200 mg, 400 mg 250 mg, 500 mg 400 mg / 5 ml
<b>6.4.2 Antiretroviral medicines</b>			
<b>6.4.2.1 Nucleoside reverse transcriptase inhibitors</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Didanosine	S, T	Tablets	250 mg, 400 mg

Lamivudine	S, T	Tablets	150 mg
Lamivudine + Nevirapine + Stavudine	S, T	Tablets	150 mg + 200 mg+ 30 mg
Lamivudine + Zidovudine	S, T	Tablets	150 mg + 300 mg
Stavudine	S, T	Capsules	15 mg, 30 mg, 40 mg
Zidovudine	S, T	Tablets	100 mg, 300 mg
<b>ADDED MEDICINES</b>			
Stavudine+ Lamivudine	S,T	Tablets	30mg+ 150mg
Zidovudine+ Lamivudine+ Nevirapine	S,T	Tablets	300mg+ 150mg+ 200mg
<b>6.4.2.2 Non-nucleoside reverse transcriptase inhibitors</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Efavirenz	S, T	Capsules	200 mg, 600 mg
Nevirapine	S, T	Capsules Suspension	200 mg 50 mg / 5 ml
<b>6.4.2.3 Protease inhibitors</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Indinavir	S, T	Capsules	200 mg, 400 mg
Nelfinavir	S, T	Capsules	250 mg
Ritonavir	S, T	Capsules Syrup	100 mg, 400 mg / 5 ml
Saquinavir	S, T	Capsules	200 mg

<b>6.5 Antiprotozoal Medicines</b>			
<b>6.5.1 Antiamoebic and Antigiardiasis medicines</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Diloxanide Furoate	P,S,T	Tablets	500 mg
Metronidazole	P,S,T	Tablets Injection	200 mg, 400 mg 500 mg /100 ml
<b>6.5.2 Antileishmaniasis medicines</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Amphotericin B	S, T	Injection	50 mg
Pentamidine Isothionate	S, T	Injection	200 mg
Sodium Stibogluconate	S, T	Injection	100 mg / ml
<b>6.5.3 Antimalarial Medicines</b>			
<b>6.5.3.1 For curative treatment</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Artesunate (To be used only in combination with Sulfadoxine + Pyrimethamine)	P,S,T	Tablets	50 mg
Chloroquine phosphate	P,S,T	Tablets Injection Syrup	150 mg base 40 mg / ml 50 mg / 5 ml
Primaquine	P,S,T	Tablets	2.5 mg, 7.5 mg
Pyrimethamine	P,S,T	Tablets	25 mg
Quinine sulphate	P,S,T ST	Tablets Injection	300 mg 300 mg / ml
Sulfadoxine + Pyrimethamine	P,S,T	Tablets	500 mg + 25 mg

<b>Medicines added</b>			
Clindamycin	S,T	Tablet	150, 300mg
<b>6.5.3.2 For prophylaxis</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
<b>Medicines added</b>			
Mefloquine	S,T	Tablet	250 mg base
<b>6.5.4 Antipneumocystosis and Antitoxoplasmosis medicines</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Co-Trimoxazole (Trimethoprim + Sulphamethoxazole)	P,S,T	Tablets  Suspension	80 + 400 mg, 160+800 mg 40 + 200 mg / 5 ml
Pentamidine Isothionate	S, T	Injection	200 mg

**NLEM 2011****Section: 7 –Antimigraine medicines****7.1: For treatment of acute attack**

<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Acetyl Salicylic Acid	P,S,T	Tablets	300 - 350 mg
Dihydroergotamine	S, T	Tablets	1 mg
Paracetamol	P,S,T	Tablets	500 mg

**7.2: For Prophylaxis**

<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Propranolol hydrochloride	P,S,T	Tablets	10 mg, 40 mg

## Section: 8 –Antineoplastic, immunosuppressives and medicines used in palliative care

### 8.1: Immunosuppressive medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Azathioprine	T	Tablets	50 mg
Cyclosporine	T	Capsules	10 mg, 25 mg, 50 mg, 100 mg
		Concentrate for Injection	100 mg/ml

### 8.2: Cytotoxic medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Actinomycin D	T	Injection	0.5 mg
Alpha Interferon	T	Injection	3 million IU
Bleomycin	T	Injection	15 mg
Busulphan	T	Tablets	2 mg
Cisplatin	T	Injection	10 mg / vial 50 mg / vial
Cyclophosphamide	T	Tablets Injection	50 mg, 200 mg 500 mg
Cytosine arabinoside	T	Injection	100 mg/vial 500 mg/vial 1000 mg/vial
Danazol	T	Capsules	50 mg, 100 mg
Doxorubicin	T	Injection	10 mg, 50 mg
Etoposide	T	Capsules Injection	100 mg 100 mg/ 5 ml vial

Flutamide	T	Tablet	250 mg
5-Fluorouracil	T	Injection	250 mg / 5 ml
Folinic Acid	T	Injection	3 mg / ml
Gemcitabine hydrochloride	T	Injection	200 mg 1 gm
L- Asparaginase	T	Injection	5000 KU.
Melphalan	T	Tablet	2 mg, 5 mg
Mercaptopurine	T	Tablet Injection	50 mg 100 mg / ml
Methotrexate	T	Tablet Injection	2.5 mg 50 mg / ml
Mitomycin-C	T	Injection	10 mg
Paclitaxel	T	Injection	30 mg / 5 ml
Procarbazine	T	Capsules	50 mg
Vinblastine sulphate	T	Injection	10 mg
Vincristine	T	Injection	1 mg / ml
<b>Added medicines</b>			
Carboplatin	T	Injection	150 mg, 450 mg vial
Dacarbazine	T	Injection	500 mg
Daunorubicin	T	Injection	20 mg vial
Ifosfamide	T	Injection	1 gm/2ml vial
Mesna	T	Injection	200 mg
Oxaliplatin	T	Injection	50 mg vial
Imatinib	T	Tablets	100 mg, 400 mg
Chlorambucil	T	Tablets	2 mg

<b>8.3: Hormones and antihormones</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Prednisolone	S, T	Tablets	5 mg
		Injection	20 mg, 25 mg (as sodium phosphate or succinate)
Raloxifene	T	Tablets	60 mg
Tamoxifen Citrate	T	Tablets	10 mg, 20 mg
<b>8.4: Medicines used in palliative care</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Morphine Sulphate	T	Tablets	10 mg
Ondansetron	S, T	Tablets	4 mg, 8 mg
		Injection	2 mg/ml
		Syrup	2 mg/5 ml
<b>Added Medicines</b>			
Filgrastim	T	Injection	1 ml vial
Allopurinol	T	Tablets	100 mg



### Section: 9 –Antiparkinsonism medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Bromocriptine Mesylate	S, T	Tablets	1.25 mg, 2.5 mg
Levodopa+ Carbidopa	P,S,T	Tablets	100 mg+10 mg 250 mg+25 mg 100 mg+25 mg
Trihexyphenidyl Hydrochloride	P,S,T	Tablets	2 mg

## Section: 10 – Medicines affecting the blood

### 10.1: Antianaemia medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Cyanocobalamin	P, S,T	Injection	1 mg/ml
Ferrous Sulphate/ Fumrate	P,S,T	Tablets	Tablets equivalent to 60 mg elemental iron
		Oral solution	25mg elemental iron (as sulphate)/ml
Folic Acid	P,S,T	Tablets	1 mg , 5mg
Iron Dextran	S, T	Injection	50 mg iron/ml
Pyridoxine	P,S,T	Tablets	10 mg

### 10.2: Medicines affecting coagulation

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Heparin Sodium	S, T	Injection	1000 IU/ml 5000 IU/ ml
Protamine Sulphate	S, T	Injection	10 mg/ml
Phytomenadione	P, S, T	Injection	10 mg/ml
Warfarin sodium	S, T	Tablets	5 mg

#### Added Medicines

Enoxaparin	T	Injection	40mg, 60mg
------------	---	-----------	------------

## Section: 11 –Blood products and Plasma substitutes

### 11.1: Plasma Substitutes

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Dextran-40	P,S,T	Injection	10%
Dextran-70	P,S,T	Injection	6%
Fresh frozen plasma	T	Injection	
Hydroxyethyl Starch (Hetastarch)	S, T	Injection	6%
Polygeline	S, T	Injection	3.5%

### 11.2: Plasma fractions for specific use

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Albumin	S, T	Injection	5%, 20 %
Cryoprecipitate	S, T	Injection	
Factor VIII Concentrate	S, T	Injection	Dried
Factor IX Complex (Coagulation Factors II,VII, IX, X)	S, T	Injection	Dried
Platelet Rich Plasma	S, T	Injection	

## Section: 12 –Cardiovascular medicines

### 12.1: Antianginal medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Acetyl salicylic acid	P,S,T	Tablets	75mg, 100mg, 350 mg soluble/dispersible
Diltiazem	S, T	Tablets	30 mg, 60 mg
Glyceryl Trinitrate	P,S,T	Sublingual Tablets Injection	0.5 mg 5mg/ml
Isosorbide 5 Mononitrate/ Dinitrate	P,S,T	Tablets	10 mg, 20 mg
Metoprolol	P,S,T	Tablets Injection	25 mg, 50 mg 1mg/ml

#### Added Medicines

Clopidogrel	T	Tablets	75 mg
-------------	---	---------	-------

### 12.2: Antiarrhythmic medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Adenosine	S,T	Injection	3 mg/ml
Amiodarone	S, T	Tablets Injection	100 mg, 200 mg 50 mg/ml (3 ml ampoule)
Diltiazem	S, T	Tablets	30 mg, 60 mg
	T	Injection	5 mg/ ml

Esmolol	T	Injection	10 mg / ml
Lignocaine Hydrochloride	S, T	Injection	1%, 2%
Procainamide Hydrochloride	T	Tablets Injection	250 mg 100mg/ml
Verapamil	S, T	Tablets Injection	40 mg, 80 mg 2.5mg/ml
<b>12.3: Antihypertensive medicines</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Amlodipine	P,S,T	Tablets	2.5 mg, 5 mg
Atenolol	P,S,T	Tablets	50mg, 100 mg
Enalapril Maleate	P,S,T T	Tablets Injection	2.5 mg, 5mg 1.25mg/ml
Losartan Potassium	S, T	Tablets	25 mg, 50 mg
Methyldopa	P,S, T	Tablets	250 mg
Nifedipine	S, T	Capsules Tablets Sustained release tablets or capsules	5 mg, 10mg 10mg, 20mg 10mg, 20mg
Sodium Nitroprusside	T	Injection	50 mg/ 5 ml
<b>Added Medicines</b>			
Hydrochlorthiazide	P,S,T	Tablets	12.5, 25 mg

<b>12.4: Medicines used in heart failure</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Digoxin	S, T	Tablets Injection Elixir	0.25 mg 0.25 mg/ml 0.05 mg/ml
Dobutamine	S, T	Injection	50 mg / ml
Dopamine Hydrochloride	S,T	Injection	40 mg / ml
<b>12.5: Antithrombotic medicines</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Acetyl salicylic acid	P,S,T	Tablets	75mg, 100mg, 350 mg soluble/dispersible
Heparin Sodium	S, T	Injection	1000 IU /ml 5000 IU/ml
Streptokinase	S, T	Injection	750,000 IU 15,00,000 IU
Urokinase	T	Injection	500,000 IU/ml 10,00,000 IU/ml
<b>New Category - ADDED</b>			
<b>12.6 Hypolipidemic Medicines</b>			
Atorvastatin	P,S,T	Tablets	5 mg, 10 mg

## Section: 13 –Dermatological medicines (Topical)

### 13.1: Antifungal medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Miconazole	P,S,T	Ointment or Cream	2%

### 13.2: Antiinfective medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Acyclovir	S, T	Cream	5%
Framycetin Sulphate	P,S,T	Cream	0.5%
Methylrosanilinium Chloride (Gentian Violet)	P,S,T	Aqueous solution	0.5%
Neomycin + Bacitracin	P,S,T	Ointment	5 mg + 500 IU / g
Povidone Iodine	P,S,T	Solution or Ointment	5%
Silver Sulphadiazine	P,S,T	Cream	1%

### 13.3: Antiinflammatory and antipruritic medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Betamethasone Dipropionate	P,S,T	Cream / Ointment	0.05%
Calamine	P,S,T	Lotion	

### 13.4: Astringent Medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Zinc Oxide	P,S,T	Dusting Powder	

<b>13.5: Medicines affecting skin differentiation and proliferation</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Coal Tar	P,S,T	Solution	5%
Dithranol	T	Ointment	0.1-2%
Glycerin	P,S,T	Solution	
Salicylic Acid	P,S,T	Solution	5%
<b>13.6: Scabicides and Pediculicides</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Benzyl benzoate	P,S,T	Lotion	25 %
<b>Added Medicines</b>			
Permethrin	S,T	Cream	5%
		Lotion	1%, 5%



## Section: 14 –Diagnostic agents

### 14.1: Ophthalmic medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Fluorescein	S, T	Eye drops	1%
Lignocaine	S, T	Eye Drops	4%
Tropicamide	S, T	Eye drops	1%

### 14.2: Radiocontrast media

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Barium Sulphate	S, T	Suspension	100% w/v, 250% w/v
Calcium Iopodate	S, T	Injection	3 g
Iopanoic Acid	S, T	Tablets	500 mg
Meglumine Iothalamate	S, T	Injection	60% w/v (iodine =280 mg / ml)
Meglumine Iotroxate	S, T	Solution	5-8 g iodine in 100-250 ml
Propylidone	S, T	Oily, suspension	500-600 mg / ml
Sodium Iothalamate	S, T	Injection	70% w/v(Iodine =420 mg / ml)
Sodium Meglumine Diatrizoate	S, T	Injection	60% w/v(Iodine conc. =292 mg / ml), 76% w/v(Iodine conc. =370 mg / ml)

## Section: 15 –Disinfectants and antiseptics

### 15.1: Antiseptics

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Acridflavin+Glycerin	P, S, T	Solution	
Benzoin Compound	P, S, T	Tincture	
Cetrimide	P, S, T	Solution	20% (conc. for dilution)
Chlorhexidine	P, S, T	Solution	5% (conc. for dilution)
Ethyl Alcohol 70%	P, S, T	Solution	
Gentian Violet	P, S, T	Paint	0.5%, 1%
Hydrogen Peroxide	P, S, T	Solution	6%
Povidone Iodine	P, S, T	Solution	5%, 10%

### 15.2: Disinfectants

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Bleaching Powder	P, S, T	Powder	Contains not less than 30 % w/w of available chlorine (as per I.P)
Formaldehyde Solution	P, S, T	Solution	Dilute 34 ml of formaldehyde solution with water to produce 100 ml (As per I.P)
Glutaraldehyde	S,T	Solution	2%
Potassium Permanganate	P, S, T	Crystals for solution	

## Section: 16 –Diuretics

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Furosemide	P,S,T	Injection Tablets	10 mg/ ml 40mg
Hydrochlorothiazide	P,S,T	Tablets	25 mg, 50 mg
Mannitol	P,S,T	Injection	10%, 20%
Spironolactone	P,S,T	Tablets	25 mg

## Section: 17 – Gastrointestinal medicines

### 17.1: Antacids and other Antiulcer medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Aluminium Hydroxide + Magnesium Hydroxide	P,S,T	Tablet Suspension	
Omeprazole	P,S,T	Capsules	10 mg, 20 mg, 40 mg
Ranitidine	P,S,T	Injection	25 mg / ml

#### Added Medicines

Pantoprazole	T	Injection	40 mg
Famotidine	P,S,T	Tablets	20 mg

### 17.2: Antiemetics

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Domperidone	P,S,T	Tablets Syrup	10 mg 1 mg / ml
Metoclopramide	P,S,T	Tablets Syrup Injection	10 mg 5 mg / 5 ml 5 mg / ml
Promethazine	P,S,T	Tablets Elixir or Syrup Injection	10 mg, 25 mg 5 mg / 5 ml 25 mg / ml

#### Added Medicines

Ondansetron	S,T	Tablet Syrup Injection	4mg, 8 mg 2 mg/ml 2mg/ml
-------------	-----	------------------------------	--------------------------------

<b>17.3: Antiinflammatory Medicines</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
<b>Added Medicines</b>			
5-Amino salicylic Acid (5-ASA)	S,T	Tablets	400mg
<b>17.4: Antispasmodic medicines</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Dicyclomine Hydrochloride	P,S,T	Tablets, Injection	10 mg 10 mg / ml
Hyoscine Butyl Bromide	P,S,T	Tablets Injection	10 mg 20 mg / ml
<b>17.5: Laxatives</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Bisacodyl	P,S,T	Tablets, Suppository	5 mg
Ispaghula	P,S,T	Granules	
<b>17.6: Medicines used in diarrhoea</b>			
<b>17.6.1 Oral dehydration salts</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Oral Rehydration Salts	P,S,T	Powder for solution	Glucose: 13.5 g/L Sodium chloride: 2.6 g/L Potassium chloride: 1.5 g/L Trisodium citrate dihydrate+: 2.9 g/L  Powder for dilution in 200ml; 500 ml; 1000ml. (As per I.P)

<b>17.6.2 Antidiarrhoeal medicines</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
<b>Medicines added</b>			
Zinc Sulfate	P,S,T	Syrup	20 mg/5ml

## Section: 18 –Hormones, other endocrine medicines and contraceptives

### 18.1: Adrenal hormones and synthetic substitutes

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Dexamethasone	S,T	Tablets Injection	0.5mg 4mg/ml
Hydrocortisone Sodium Succinate	P, S,T	Injection	100 mg / ml
Methyl Prednisolone	S,T	Injection	40 mg/ ml
Prednisolone	P, S,T	Tablets	5mg, 10mg, 20mg

### 18.2: Androgens

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Testosterone	T	Capsules Injection	40mg(as undecanoate) 25mg/ml(as propionate)

### 18.3: Contraceptives

#### 18.3.1: Hormonal Contraceptives

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Ethinylestradiol + Levonorgesterol	P,S,T	Tablets	0.03 mg +0.15 mg
Ethinylestradiol + Norethisterone	P,S,T	Tablets	0.035 mg +1.0 mg
Hormone Releasing IUD	T	Levonorgesterol Releasing	IUD

<b>18.3.2: Intrauterine devices</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
IUD containing Copper	P,S,T		
<b>18.3.3: Barrier Methods</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Condoms	P,S,T		
<b>18.4: Estrogens</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Ethinylestradiol	P,S,T	Tablets	0.01mg 0.05mg
<b>18.5: Medicines used in Diabetes mellitus</b>			
<b>18.5.1: Insulins and other Antidiabetic agents</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Glibenclamide	P,S,T	Tablets	2.5 mg, 5mg
Insulin Injection (Soluble)	P,S,T	Injection	40 IU / ml
Intermediate Acting(Lente/NPH Insulin)	P,S,T	Injection	40 IU / ml
Metformin	P,S,T	Tablets	500mg
<b>Added medicines</b>			
Premix Insulin 30:70 injection	P,S,T	Injection	40IU/ml



<b>18.5.2 Medicines used to treat hypoglycemia</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Glucagon	T	Injection	1mg/ml
<i>Added medicines</i>			
25% Dextrose	P,S,T	Injection	100 ml
<b>18.6 Ovulation Inducers</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Clomiphene citrate	T	Tablets	50mg, 100mg
<b>18.7 Progestogens</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Medroxy Progesterone Acetate	P,S,T	Tablets	5mg, 10mg
Norethisterone	P,S,T	Tablets	5mg
<b>18.8 Thyroid and antithyroid medicines</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Carbimazole	P,S,T	Tablets	5mg, 10mg
Levothyroxine	P,S,T	Tablets	50µg, 100 µg
Iodine	S,T	Solution	8 mg / 5 ml

<b>Section: 19 Immunologicals</b>			
<b>19.1: Diagnostic agents</b>			
<b>Drugs</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Tuberculin, Purified Protein derivative	P,S,T	Injection	1 TU, 5 TU
<b>19.2: Sera and immunoglobins</b>			
<b>Drugs</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Anti-D immunoglobulin (human)	S, T	Injection	300 µg
Polyvalent Antisnake Venom	P,S,T	Injection	10 ml
Antitetanus Human immunoglobulin	P,S,T	Injection	250 IU, 500 IU
Diphtheria Antitoxin	S, T	Injection	10,000 IU
Rabies immunoglobulin	P,S,T	Injection	150 IU / ml
<b>19.3: Vaccines</b>			
<b>19.3.1: For Universal Immunisation</b>			
<b>Drugs</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
B.C.G Vaccine	P,S,T	Injection	
D.P.T Vaccine	P,S,T	Injection	
Hepatitis B Vaccine	P,S,T	Injection	

Measles Vaccine	P,S,T	Injection	
Oral Poliomyelitis vaccine (LA)	P,S,T	Solution	
<b>19.3.2: For Specific Group of Individuals</b>			
<b>Drugs</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Rabies Vaccine	P,S,T	Injection	
Tetanus Toxoid	P,S,T	Injection	

**Section: 20 – Muscle Relaxants (Peripherally acting) and Cholinesterase Inhibitors**

<b>Drugs</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Atracurium besylate	S, T	Injection	10 mg / ml
Neostigmine	S,T	Tablets, Injection	15 mg, 0.5mg/ml
Pyridostigmine	S, T	Tablets, Injection	60 mg, 1mg/ml
Succinyl choline chloride	S,T	Injection	50 mg/ml
<b><i>Added drugs</i></b>			
Vecuronium	P,S,T	Injection	2 mg/ml

## Section: 21 – Ophthalmological Preparations

### 21.1: Anti-infective agents

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Chloramphenicol	P,S,T	Drops/Ointment	0.4%, 1%
Ciprofloxacin Hydrochloride	P,S,T	Drops/Ointment	0.3%
Gentamicin	P,S,T	Drops	0.3%
Miconazole	P,S,T	Drops	1%
Povidone Iodine	S,T	Drops	0.6%
Sulphacetamide Sodium	P,S,T	Drops	10%, 20%

### 21.2: Antiinflammay agents

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Prednisolone Acetate	P,S,T	Drops	0.1%
Prednisolone Sodium Phosphate	P,S,T	Drops	1%

### 21.3: Local Anaesthetics

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Tetracaine Hydrochloride	P,S,T	Drops	0.5%

### 21.4: Miotics and Antiglucoma medicines

Medicines	Category	Route of Administration/ Dosage Form	Strengths
-----------	----------	---	-----------

Acetazolamide	S,T	Tablets	250 mg
Betaxolol Hydrochloride	T	Drops	0.25%, 0.5%
Pilocarpine	S,T	Drops	2%, 4%
Timolol Maleate	P, S, T	Drops	0.25%, 0.5%
<b>21.5: Mydriatics</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Atropine Sulphate	P,S,T	Drops/Ointment	1%
Homatropine	P,S,T	Drops	2%
Phenylephrine	P,S,T	Drops	5%
<b>21.6: Ophthalmic Surgical Aids</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Methyl Cellulose	T	Injection	2%

## Section: 22 – Oxytocics and Antioxytocics

### 22.1: Oxytocics

<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Methyl Ergometrine	P,S,T	Tablets Injection	0.125mg 0.2mg/ml
Mifepristone	T	Tablets	200mg
Oxytocin	S,T	Injection	5 IU/ ml, 10IU/ml

<b>Added medicines</b>			
Misoprostol	T	Tablets	100µg
<b>22.2: Antioxytocics</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Terbutaline Sulphate	S,T	Tablets Injection	2.5 mg 0.5 mg/ml
<b>Added Medicines</b>			
Nifedipine	S,T	Tablets	10 mg
Betamethasone	P,S,T	Injection	4 mg/ml

<b>Section: 23 – Peritoneal Dialysis Solution</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Intraperitoneal Dialysis Solution	T		4Of approximate composition
<b>Section: 24 – Psychotherapeutic Medicines</b>			
<b>24.1: Medicines used in Psychotic Disorders</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Chlorpromazine hydrochloride	P,S,T	Tablets Syrup Injection	25 mg, 50mg, 100mg 25mg/5ml 25mg/ml
Haloperidol	S, T	Injection	<b>5mg/ml</b>
<b>Added medicines</b>			
Olanzapine	T	Tablets	5mg,10mg
<b>24.2: Medicines used in mood disorders</b>			
<b>24.2.1: Medicines used in Depressive disorders</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Amitriptyline	P,S,T	Tablets	25 mg
Fluoxetine hydrochloride	P,S,T	Capsules	20 mg
Imipramine	P,S,T	Tablets	25 mg, 75 mg
<b>24.2.2: Medicines used in Bipolar disorders</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Lithium Carbonate	T	Tablets	300 mg



<b>Added Medicines</b>			
Sodium Valproate	P,S,T	Tablets	200 mg, 500mg
<b>24.3: Medicines used for Generalized Anxiety and Sleep Disorders</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Alprazolam	P,S,T	Tablets	0.25 mg, 0.5 mg
Diazepam	P,S,T	Tablets	2 mg, 5mg
<b>24.4: Medicines used for obsessive compulsive disorders and panic attacks</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
<b>Added Medicines</b>			
Fluoxetine hydrochloride	P,S,T	Capsules	20 mg

<b>Section: 25 – Medicines acting on the respiratory tract</b>			
<b>25.1: Antiasthmatic medicines</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Beclomethasone Dipropionate	P,S,T	Inhalation	50 µg, 250µg/dose
Hydrocortisone sodium succinate	P,S,T	Injection	100 mg, 200mg, 400 mg
Salbutamol sulphate	P,S,T	Tablets Syrup Inhalation	2mg, 4mg 2mg/5ml 100µg/dose
<b>Added Medicines</b>			
Ipratropium bromide	P,S,T	Inhalation	20µg/metered dose
<b>25.2: Antitussives</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Codeine phosphate	S,T	Tablets Syrup	10mg 15mg/ 5ml
Dextromethorphan	P,S,T	Tablets	30mg
<b>NLEM 2011</b>			

<b>Section: 26 – Solutions correcting water, electrolyte and acid-base disturbances</b>			
<b>26.1: Oral</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Oral Rehydration Salts	P, S, T	Powder for Solution	As per IP
<b>26.2: Parenteral</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Glucose	P, S, T	Injection	5% isotonic, 10%, 15%.
Glucose with sodium chloride	P, S, T	Injection	5% + 0.9%
Normal Saline	P, S, T	Injection	0.9%
N/2 Saline	S, T	Injection	
N/5 Saline	S, T	Injection	
Potassium Chloride	P, S, T	Injection	11.2% Sol.
Ringer Lactate	P, S, T	Injection	As per IP
Sodium Bicarbonate	P, S, T	Injection	As per IP
<b>26.3: Miscellaneous</b>			
<b>Medicines</b>	<b>Category</b>	<b>Route of Administration/ Dosage Form</b>	<b>Strengths</b>
Water for Injection	P, S, T	Injection	2 ml, 5 ml, 10 ml

## Section: 27 – Vitamins and Minerals

Medicines	Category	Route of Administration/ Dosage Form	Strengths
Ascorbic Acid	P,S,T	Tablets	100 mg, 500 mg
Calcium carbonate	P,S,T	Tablets	250 mg, 500 mg
Multivitamins (As per Schedule V of Drugs and Cosmetics Rules)	P,S,T	Tablets	
Nicotinamide	P,S,T	Tablets	50 mg
Pyridoxine	P,S,T	Tablets	25 mg
Riboflavin	P,S,T	Tablets	5 mg
Thiamine	P,S,T	Tablets	100 mg
Vitamin A	P,S,T	Tablets Capsules	5000 IU, 50000 IU, 100000 IU,
		Injection	50000 IU/ml
Vitamin D (Ergocalciferol)	P,S,T	Capsules	0.25 mg, 1 mg
<b>Added Medicines</b>			
Calcium gluconate	P,S,T	Injection	100mg/ml in 10 ml ampoule

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
<b>S.No</b>	<b>Section 1: – Anesthesia</b>
1.	Atropine Sulphate
2.	Bupivacaine Hydrochloride
3.	Diazepam
4.	EMLA cream
5.	Ether
6.	Halothane with vaporizer
7.	Isoflurane
8.	Ketamine Hydrochloride
9.	Lignocaine Hydrochloride
10.	Lignocaine Hydrochloride + Adrenaline
11.	Midazolam
12.	Morphine Sulphate
13.	Nitrous Oxide
14.	Oxygen
15.	Promethazine
16.	Propofol
17.	Sevoflurane
18.	Thiopentone Sodium
	<b>SECTION: 2 – Analgesics , Antipyretics, Nonsteroidal anti-inflammatory medicines, Medicines used to treat Gout and Disease Modifying Agents used in Rheumatoid Disorders</b>
1.	Acetyl Salicylic Acid
2.	Allopurinol
3.	Azathioprine
4.	Colchicin

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
5.	Diclofenac
6.	Fentanyl
7.	Hydroxychloroquine phosphate
8.	Ibuprofen
9.	Leflunomide
10.	Methotrexate
11.	Morphine Sulphate
12.	Paracetamol
13.	Sulfasalazine
14.	Tramadol
<b>SECTION: 3 – Antiallergics and Medicines used in Anaphylaxis</b>	
1.	Adrenaline Bitartrate
2.	Cetirizine
3.	Chlorpheniramine Maleate
4.	Dexamethasone
5.	Dexchlorpheniramine Maleate
6.	Hydrocortisone Sodium Succinate
7.	Pheniramine Maleate
8.	Prednisolone
9.	Promethazine
<b>SECTION: 4 – Antidotes and Other Substances used in Poisonings</b>	
1.	Activated Charcoal
2.	Atropine Sulphate
3.	Calcium gluconate
4.	Desferrioxamine mesylate

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
5.	Dimercaprol
6.	Flumazenil
7.	Methylthioninium chloride (Methylene blue)
8.	N-acetylcysteine
9.	Naloxone
10.	Penicillamine
11.	Pralidoxime Chloride(2-PAM)
12.	Sodium Nitrite
13.	Sodium Thiosulphate
14.	Specific antisnake venom
<b>SECTION: 5 – Anticonvulsants/ Antiepileptics</b>	
1.	Carbamazepine
2.	Diazepam
3.	Lorazepam
4.	Magnesium sulphate
5.	Phenobarbitone
6.	Phenytoin Sodium
7.	Sodium Valproate
<b>Section:6 – Anti-infective Medicines</b>	
1.	Acyclovir
2.	Albendazole
3.	Amikacin
4.	Amoxicillin
5.	Amoxicillin+Clavulanic acid
6.	Amphotericin B

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
7.	Ampicillin
8.	Artesunate (To be used only in combination with Sulfadoxine + Pyrimethamine)
9.	Azithromycin
10.	Benzathine Benzylpenicillin
11.	Cefixime
12.	Cefotaxime
13.	Ceftazidime
14.	Ceftriaxone
15.	Cephalexin
16.	Chloroquine phosphate
17.	Ciprofloxacin Hydrochloride
18.	Clindamycin
19.	Clofazimine
20.	Clotrimazole
21.	Cloxacillin
22.	Co-trimoxazole (Trimethoprim + Sulphamethoxazole)
23.	Dapsone
24.	Didanosine
25.	Diethylcarbamazine citrate
26.	Diloxanide Furoate
27.	Doxycycline
28.	Efavirenz
29.	Erythromycin Estolate
30.	Ethambutol
31.	Fluconazole



<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
32.	Gentamicin
33.	Griseofulvin
34.	Indinavir
35.	Isoniazid
36.	Lamivudine
37.	Lamivudine + Nevirapine + Stavudine
38.	Lamivudine + Zidovudine
39.	Mefloquine
40.	Metronidazole
41.	Nelfinavir
42.	Nevirapine
43.	Nitrofurantoin
44.	Nystatin
45.	Ofloxacin
46.	Pentamidine Isothionate
47.	Piperazine
48.	Praziquantel
49.	Primaquine
50.	Pyrazinamide
51.	Pyrimethamine
52.	Quinine sulphate
53.	Rifampicin
54.	Ritonavir
55.	Saquinavir
56.	Sodium Stibogluconate

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
57.	Stavudine
58.	Stavudine+Lamivudine
59.	Streptomycin Sulphate
60.	Sulfadoxine + Pyrimethamine
61.	Sulphadiazine
62.	Vancomycin Hydrochloride
63.	Zidovudine
64.	Zidovudine+ Lamivudine+ Nevirapine
	<b>SECTION: 7 –Antimigraine medicines</b>
1.	Acetyl Salicylic Acid
2.	Dihydroergotamine
3.	Paracetamol
4.	Propranolol hydrochloride
	<b>SECTION: 8 –Antineoplastic, immunosuppressives and medicines used in palliative care</b>
1.	5-Fluorouracil
2.	Actinomycin D
3.	Allopurinol
4.	Alpha Interferon
5.	Azathioprine
6.	Bleomycin
7.	Busulphan
8.	Carboplatin
9.	Chlorambucil
10.	Cisplatin
11.	Cyclophosphamide

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
12.	Cyclosporine
13.	Cytosine arabinoside
14.	Dacarbazine
15.	Danazol
16.	Daunorubicin
17.	Doxorubicin
18.	Etoposide
19.	Filgrastim
20.	Flutamide
21.	Folinic Acid
22.	Gemcitabine hydrochloride
23.	Ifosfamide
24.	Imatinib
25.	L- Asparaginase
26.	Melphalan
27.	Mercaptopurine
28.	Mesna
29.	Methotrexate
30.	Mitomycin-C
31.	Morphine Sulphate
32.	Ondansetron
33.	Oxaliplatin
34.	Paclitaxel
35.	Prednisolone
36.	Procarbazine

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
37.	Raloxifene
38.	Tamoxifen Citrate
39.	Vinblastine sulphate
40.	Vincristine
	<b>SECTION: 9 –Antiparkinsonism medicines</b>
1.	Bromocriptine Mesylate
2.	Levodopa+ Carbidopa
3.	Trihexyphenidyl Hydrochloride
	<b>SECTION: 10 –Medicines affecting the blood</b>
1.	Cyanocobalamin
2.	Enoxaparin
3.	Ferrous Salt
4.	Folic Acid
5.	Heparin Sodium
6.	Iron Dextran
7.	Phytomenadione
8.	Protamine Sulphate
9.	Pyridoxine
10.	Warfarin sodium
	<b>SECTION: 11 –Blood products and Plasma substitutes</b>
1.	Albumin
2.	Cryoprecipitate
3.	Dextran-40
4.	Dextran-70
5.	Factor IX Complex (Coagulation Factors II,VII, IX, X)

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
6.	Factor VIII Concentrate
7.	Fresh frozen plasma
8.	Hydroxyethyl Starch (Hetastarch)
9.	Platelet Rich Plasma
10.	Polygeline
	<b>SECTION: 12 –Cardiovascular medicines</b>
1.	Acetyl salicylic acid
2.	Adenosine
3.	Amiodarone
4.	Amlodipine
5.	Atenolol
6.	Atorvastatin
7.	Clopidogrel
8.	Digoxin
9.	Diltiazem
10.	Dobutamine
11.	Dopamine Hydrochloride
12.	Enalapril Maleate
13.	Esmolol
14.	Glyceryl Trinitrate
15.	Heparin Sodium
16.	Hydrochlorthiazide
17.	Isosorbide 5 Mononitrate/Dinitrate
18.	Lignocaine Hydrochloride
19.	Losartan Potassium

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
20.	Methyldopa
21.	Metoprolol
22.	Nifedipine
23.	Procainamide Hydrochloride
24.	Sodium Nitroprusside
25.	Streptokinase
26.	Urokinase
27.	Verapamil
	<b>SECTION: 13 –Dermatological medicines (Topical)</b>
1.	Acyclovir
2.	Benzyl benzoate
3.	Betamethasone Dipropionate
4.	Calamine
5.	Coal Tar
6.	Dithranol
7.	Framycetin Sulphate
8.	Glycerin
9.	Methyrosanilinium Chloride (Gentian Violet)
10.	Miconazole
11.	Neomycin + Bacitracin
12.	Permethrin
13.	Povidone Iodine
14.	Salicylic Acid
15.	Silver Sulphadiazine
16.	Zinc Oxide

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
	<b>SECTION: 14 –Diagnostic agents</b>
1.	Barium Sulphate
2.	Calcium Iodate
3.	Fluorescein
4.	Iopanoic Acid
5.	Lignocaine
6.	Meglumine Iothalamate
7.	Meglumine Iotroxate
8.	Propylidone
9.	Sodium Iothalamate
10.	Sodium Meglumine Diatrizoate
11.	Tropicamide
	<b>SECTION: 15 –Disinfectants and antiseptics</b>
1.	Acridflavin+Glycerin
2.	Benzoin Compound
3.	Bleaching Powder
4.	Cetrimide
5.	Chlorhexidine
6.	Ethyl Alcohol 70%
7.	Formaldehyde IP
8.	Gentian Violet
9.	Glutaraldehyde
10.	Hydrogen Peroxide
11.	Potassium Permanganate
12.	Povidone Iodine

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
	<b>SECTION: 16 –Diuretics</b>
1.	Furosemide
2.	Hydrochlorothiazide
3.	Mannitol
4.	Spironolactone
	<b>SECTION: 17 – Gastrointestinal medicines</b>
1.	5-Amino salicylic Acid
2.	Aluminium Hydroxide + Magnesium Hydroxide
3.	Bisacodyl
4.	Dicyclomine Hydrochloride
5.	Domperidone
6.	Famotidine
7.	Hyoscine Butyl Bromide
8.	Ispaghula
9.	Metoclopramide
10.	Omeprazole
11.	Ondansetron
12.	Oral Rehydration Salts
13.	Pantoprazole
14.	Promethazine
15.	Ranitidine
16.	Zinc Sulfate
	<b>SECTION: 18 –Hormones, other endocrine medicines and contraceptives</b>
1.	25% Dextrose



<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
2.	Carbimazole
3.	Clomiphene citrate
4.	Condoms
5.	Dexamethasone
6.	Ethinylestradiol
7.	Ethinylestradiol + Levonorgesterol
8.	Ethinylestradiol + Norethisterone
9.	Glibenclamide
10.	Glucagon
11.	Hormone Releasing IUD
12.	Hydrocortisone Sodium Succinate
13.	Insulin Injection(Soluble)
14.	Intermediate Acting(Lente/NPH Insulin)
15.	Iodine
16.	IUD containing Copper
17.	Levothyroxine
18.	Medroxy Progesterone Acetate
19.	Metformin
20.	MethylPrednisolone
21.	Norethisterone
22.	Prednisolone
23.	Premix Insulin 30:70 injection
24.	Testosterone
	<b>SECTION: 19 - Immunologicals</b>
1.	Anti-D immunoglobulin (human)

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
2.	Antitetanus Human immunoglobulin
3.	B.C.G Vaccine
4.	D.P.T Vaccine
5.	Diphtheria Antitoxin
6.	Hepatitis B Vaccine
7.	Measles Vaccine
8.	Oral Poliomyelitis vaccine (LA)
9.	Polyvalent Antisnake Venom
10.	Rabies
11.	Rabies Vaccine
12.	Tetanus Toxoid
13.	Tuberculin, Purified Protein derivative
<b>SECTION: 20 – Muscle Relaxants (Peripherally acting) and Cholinesterase Inhibitors</b>	
1.	Atracurium besylate
2.	Neostigmine
3.	Pyridostigmine
4.	Succinyl choline chloride
5.	Vecuronium
<b>SECTION: 21 – Ophthalmological Preparations</b>	
1.	Acetazolamide
2.	Atropine Sulphate
3.	Betaxolol Hydrochloride
4.	Chloramphenicol
5.	Ciprofloxacin Hydrochloride
6.	Gentamicin

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
7.	Homatropine
8.	Methyl Cellulose
9.	Miconazole
10.	Phenylephrine
11.	Pilocarpine
12.	Povidone Iodine
13.	Prednisolone Acetate
14.	Prednisolone Sodium Phosphate
15.	Sulphacetamide Sodium
16.	Tetracaine Hydrochloride
17.	Timolol Maleate
	<b>SECTION: 22 – Oxytocics and Antioxytocics</b>
1.	Betamethasone
2.	Methyl Ergometrine
3.	Mifepristone
4.	Misoprostol
5.	Nifedipine
6.	Oxytocin
7.	Terbutaline Sulphate
	<b>SECTION: 23 – Peritoneal Dialysis Solution</b>
1	Intraperitoneal Dialysis Solution
	<b>SECTION: 24 – Psychotherapeutic Medicines</b>
1.	Alprazolam
2.	Amitriptyline
3.	Chlorpromazine hydrochloride

<b>Alphabetical List of Medicines – Therapeutic area wise</b>	
4.	Diazepam
5.	Fluoxetine hydrochloride
6.	Haloperidol
7.	Imipramine
8.	Lithium Carbonate
9.	Olanzapine
10.	Sodium Valproate
	<b>SECTION: 25 – Medicines acting on the respiratory tract</b>
1.	Beclomethasone Dipropionate
2.	Codeine phosphate
3.	Dextromethorphan
4.	Hydrocortisone sodium succinate
5.	Ipratropium bromide
6.	Salbutamol sulphate
	<b>SECTION: 26 – Solutions correcting water, electrolyte and acid-base disturbances</b>
1.	Glucose
2.	Glucose with sodium chloride
3.	N/2 Saline
4.	N/5 Saline
5.	Normal Saline
6.	Oral Rehydration Salts
7.	Potassium Chloride
8.	Ringer Lactate
9.	Sodium Bicarbonate
10.	Water for Injection

## Alphabetical List of Medicines – Therapeutic area wise

	<b>SECTION: 27 – Vitamins and Minerals</b>
1.	Ascorbic Acid
2.	Calcium gluconate
3.	Calcium carbonate
4.	Multivitamins (As per Schedule V of Drugs and Cosmetics Rules)
5.	Nicotinamide
6.	Pyridoxine
7.	Riboflavin
8.	Thiamine
9.	Vitamin A
10.	Vitamin D (Ergocalciferol)

**S.No      Alphabetical List of Medicines in NLEM 2011**

1.     25% Dextrose
2.     5-Amino salicylic Acid
3.     5-Fluorouracil
4.     Acetazolamide
5.     Acetyl Salicylic Acid
6.     Acriflavin+Glycerin
7.     Actinomycin D
8.     Activated Charcoal
9.     Acyclovir
10.    Adenosine
11.    Adrenaline Bitartrate
12.    Albendazole
13.    Albumin
14.    Allopurinol
15.    Alpha Interferon
16.    Alprazolam
17.    Aluminium Hydroxide + Magnesium Hydroxide
18.    Amikacin
19.    Amiodarone
20.    Amitriptyline
21.    Amlodipine
22.    Amoxicillin
23.    Amoxicillin+Clavulinic acid
24.    Amphotericin B

25. Ampicillin
26. Anti-D immunoglobulin (human)
27. Antitetanus Human immunoglobulin
28. Artesunate (To be used only in combination with Sulfadoxine + Pyrimethamine)
29. Ascorbic Acid
30. Atenolol
31. Atorvastatin
32. Atracurium besylate
33. Atropine Sulphate
34. Azathioprine
35. Azithromycin
36. B.C.G Vaccine
37. Barium Sulphate
38. Beclomethasone Dipropionate
39. Benzathine Benzylpenicillin
40. Benzoin Compound
41. Benzyl benzoate
42. Betamethasone
43. Betamethasone Dipropionate
44. Betaxolol Hydrochloride
45. Bisacodyl
46. Bleaching Powder
47. Bleomycin
48. Bromocriptine Mesylate
49. Bupivacaine Hydrochloride

50. Busulphan
51. Calamine
52. Calcium carbonate
53. Calcium gluconate
54. Calcium Iodate
55. Carbamazepine
56. Carbimazole
57. Carboplatin
58. Cefixime
59. Cefotaxime
60. Ceftazidime
61. Ceftriaxone
62. Cephalexin
63. Cetrimide
64. Cetrizine
65. Chlorambucil
66. Chloramphenicol
67. Chlorhexidine
68. Chloroquine phosphate
69. Chlorpheniramine Maleate
70. Chlorpromazine hydrochloride
71. Ciprofloxacin Hydrochloride
72. Cisplatin
73. Clindamycin
74. Clofazimine
75. Clomiphene citrate



76. Clopidogrel
77. Clotrimazole
78. Cloxacillin
79. Coal Tar
80. Codeine phosphate
81. Colchicine
82. Condoms
83. Co-Trimoxazole (Trimethoprim + Sulphamethoxazole)
84. Cryoprecipitate
85. Cyanocobalamin
86. Cyclophosphamide
87. Cyclosporine
88. Cytosine arabinoside
89. D.P.T Vaccine
90. Dacarbazine
91. Danazol
92. Dapsone
93. Daunorubicin
94. Desferrioxamine mesylate
95. Dexamethasone
96. Dexchlorpheniramine Maleate
97. Dextran-40
98. Dextran-70
99. Dextromethorphan
100. Diazepam
101. Diclofenac

102. Dicyclomine Hydrochloride
103. Didanosine
104. Diethylcarbamazine citrate
105. Digoxin
106. Dihydroergotamine
107. Diloxanide Furoate
108. Diltiazem
109. Dimercaprol
110. Diphtheria Antitoxin
111. Dithranol
112. Dobutamine
113. Domperidone
114. Dopamine Hydrochloride
115. Doxorubicin
116. Doxycycline
117. Efavirenz
118. EMLA cream
119. Enalapril Maleate
120. Enoxaparin
121. Erythromycin Estolate
122. Esmolol
123. Ethambutol
124. Ether
125. Ethinylestradiol
126. Ethinylestradiol + Levonorgesterol
127. Ethinylestradiol + Norethisterone

128. Ethyl Alcohol 70%
129. Etoposide
130. Factor IX Complex (Coagulation Factors II,VII, IX, X)
131. Factor VIII Concentrate
132. Famotidine
133. Fentanyl
134. Ferrous Salt
135. Filgrastim
136. Fluconazole
137. Flumazenil
138. Fluorescein
139. Fluoxetine hydrochloride
140. Flutamide
141. Folic Acid
142. Folinic Acid
143. Formaldehyde IP
144. Framycetin Sulphate
145. Fresh frozen plasma
146. Furosemide
147. Gemcitabine hydrochloride
148. Gentamicin
149. Gentian Violet
150. Glibenclamide
151. Glucagon
152. Glucose
153. Glucose with sodium chloride

154. Glutaraldehyde
155. Glycerin
156. Glyceryl Trinitrate
157. Griseofulvin
158. Haloperidol
159. Halothane with vaporizer
160. Heparin Sodium
161. Hepatitis B Vaccine
162. Homatropine
163. Hormone Releasing IUD
164. Hydrochlorothiazide
165. Hydrocortisone sodium succinate
166. Hydrogen Peroxide
167. Hydroxychloroquine phosphate
168. Hydroxyethyl Starch (Hetastarch)
169. Hyoscine Butyl Bromide
170. Ibuprofen
171. Ifosfamide
172. Imatinib
173. Imipramine
174. Indinavir
175. Insulin Injection(Soluble)
176. Intermediate Acting(Lente/NPH Insulin)
177. Intraperitoneal Dialysis Solution
178. Iodine
179. Iopanoic Acid

180. Ipratropium bromide
181. Iron Dextran
182. Isoflurane
183. Isoniazid
184. Isosorbide 5 Mononitrate/Dinitrate
185. Ispaghula
186. IUD containing Copper
187. Ketamine Hydrochloride
188. L- Asparaginase
189. Lamivudine
190. Lamivudine + Nevirapine + Stavudine
191. Lamivudine + Zidovudine
192. Leflunomide
193. Levodopa+ Carbidopa
194. Levothyroxine
195. Lignocaine
196. Lignocaine Hydrochloride
197. Lignocaine Hydrochloride + Adrenaline
198. Lithium Carbonate
199. Lorazepam
200. Losartan Potassium
201. Magnesium sulphate
202. Mannitol
203. Measles Vaccine
204. Medroxy Progesterone Acetate
205. Mefloquine

206. Meglumine Iothalamate
207. Meglumine Iotroxate
208. Melphalan
209. Mercaptopurine
210. Mesna
211. Metformin
212. Methotrexate
213. Methyl Cellulose
214. Methyl Ergometrine
215. Methyldopa
216. MethylPrednisolone
217. Methylrosanilinium Chloride (Gentian Violet)
218. Methylthioninium chloride (Methylene blue)
219. Metoclopramide
220. Metoprolol
221. Metronidazole
222. Miconazole
223. Midazolam
224. Mifepristone
225. Misoprostol
226. Mitomycin-C
227. Morphine Sulphate
228. Multivitamins (As per Schedule V of Drugs and Cosmetics Rules)
229. N/2 Saline
230. N/5 Saline

231. N-acetylcysteine
232. Naloxone
233. Nelfinavir
234. Neomycin + Bacitracin
235. Neostigmine
236. Nevirapine
237. Nicotinamide
238. Nifedipine
239. Nitrofurantoin
240. Nitrous Oxide
241. Norethisterone
242. Normal Saline
243. Nystatin
244. Ofloxacin
245. Olanzapine
246. Omeprazole
247. Ondansetron
248. Oral Poliomyelitis vaccine (LA)
249. Oral Rehydration Salts
250. Oxaliplatin
251. Oxygen
252. Oxytocin
253. Paclitaxel
254. Pantoprazole
255. Paracetamol
256. Penicillamine

257. Pentamidine Isothionate
258. Permethrin
259. Pheniramine Maleate
260. Phenobarbitone
261. Phenylephrine
262. Phenytoin Sodium
263. Phytomenadione
264. Pilocarpine
265. Piperazine
266. Platelet Rich Plasma
267. Polygeline
268. Polyvalent Antisnake Venom
269. Potassium Chloride
270. Potassium Permanganate
271. Povidone Iodine
272. Pralidoxime Chloride(2-PAM)
273. Praziquantel
274. Prednisolone
275. Prednisolone Acetate
276. Prednisolone Sodium Phosphate
277. Premix Insulin 30:70 injection
278. Primaquine
279. Procainamide Hydrochloride
280. Procarbazine
281. Promethazine
282. Propofol



283. Propranolol hydrochloride
284. Propylidone
285. Protamine Sulphate
286. Pyrazinamide
287. Pyridostigmine
288. Pyridoxine
289. Pyrimethamine
290. Quinine sulphate
291. Rabies immunoglobulin
292. Rabies Vaccine
293. Raloxifene
294. Ranitidine
295. Riboflavin
296. Rifampicin
297. Ringer Lactate
298. Ritonavir
299. Salbutamol sulphate
300. Salicylic Acid
301. Saquinavir
302. Sevoflurane
303. Silver Sulphadiazine
304. Sodium Bicarbonate
305. Sodium Iothalamate
306. Sodium Meglumine Diatrizoate
307. Sodium Nitrite
308. Sodium Nitroprusside

309. Sodium Stibogluconate
310. Sodium Thiosulphate
311. Sodium Valproate
312. Specific antsnake venom
313. Spironolactone
314. Stavudine
315. Stavudine+Lamivudine
316. Streptokinase
317. Streptomycin Sulphate
318. Succinyl choline chloride
319. Sulfadoxine + Pyrimethamine
320. Sulfasalazine
321. Sulphacetamide Sodium
322. Sulphadiazine
323. Tamoxifen Citrate
324. Terbutaline Sulphate
325. Testosterone
326. Tetanus Toxoid
327. Tetracaine Hydrochloride
328. Thiamine
329. Thiopentone Sodium
330. Timolol Maleate
331. Tramadol
332. Trihexyphenidyl Hydrochloride
333. Tropicamide
334. Tuberculin, Purified Protein derivative

- 335. Urokinase
- 336. Vancomycin Hydrochloride
- 337. Vecuronium
- 338. Verapamil
- 339. Vinblastine sulphate
- 340. Vincristine
- 341. Vitamin A
- 342. Vitamin D (Ergocalciferol)
- 343. Warfarin sodium
- 344. Water for Injection
- 345. Zidovudine
- 346. Zidovudine+ Lamivudine+ Nevirapine
- 347. Zinc Oxide
- 348. Zinc Sulfate

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
1.	25% Dextrose	P,S,T
2.	Acetyl Salicylic Acid	P,S,T
3.	Acriflavin+Glycerin	P,S,T
4.	Activated Charcoal	P,S,T
5.	Adrenaline Bitartrate	P,S,T
6.	Albendazole	P,S,T
7.	Alprazolam	P,S,T
8.	Aluminium Hydroxide + Magnesium Hydroxide	P,S,T
9.	Amitriptyline	P,S,T
10.	Amlodipine	P,S,T
11.	Ampicillin	P,S,T
12.	Antitetanus Human immunoglobulin	P,S,T
13.	Artesunate (To be used only in combination with Sulfadoxine + Pyrimethamine)	P,S,T
14.	Ascorbic Acid	P,S,T
15.	Atenolol	P,S,T
16.	Atorvastatin	P,S,T
17.	Atropine Sulphate	P,S,T
18.	B.C.G Vaccine	P,S,T
19.	Beclomethasone Dipropionate	P,S,T
20.	Benzathine Benzylpenicillin	P,S,T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
21.	Benzoin Compound	P,S,T
22.	Benzyl benzoate	P,S,T
23.	Betamethasone	P,S,T
24.	Betamethasone Dipropionate	P,S,T
25.	Bisacodyl	P,S,T
26.	Bleaching Powder	P,S,T
27.	Calamine	P,S,T
28.	Calcium carbonate	P,S,T
29.	Calcium gluconate	P,S,T
30.	Carbamazepine	P,S,T
31.	Carbimazole	P,S,T
32.	Cephalexin	P,S,T
33.	Cetrimide	P,S,T
34.	Cetirizine	P,S,T
35.	Chloramphenicol	P,S,T
36.	Chlorhexidine	P,S,T
37.	Chloroquine phosphate	P,S,T
38.	Chlorpheniramine Maleate	P,S,T
39.	Chlorpromazine hydrochloride	P,S,T
40.	Ciprofloxacin Hydrochloride	P,S,T
41.	Clofazimine	P,S,T
42.	Clotrimazole	P,S,T
43.	Cloxacillin	P,S,T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
44.	Coal Tar	P,S,T
45.	Condoms	P,S,T
46.	Co-Trimoxazole (Trimethoprim + Sulphamethoxazole)	P,S,T
47.	Cyanocobalamin	P,S,T
48.	D.P.T Vaccine	P,S,T
49.	Dapsone	P,S,T
50.	Dexamethasone	P,S,T
51.	Dexchlorpheniramine Maleate	P,S,T
52.	Dextran-40	P,S,T
53.	Dextran-70	P,S,T
54.	Dextromethorphan	P,S,T
55.	Diazepam	P,S,T
56.	Dicyclomine Hydrochloride	P,S,T
57.	Diethylcarbamazine citrate	P,S,T
58.	Diloxanide Furoate	P,S,T
59.	Domperidone	P,S,T
60.	Doxycycline	P,S,T
61.	Enalapril Maleate	P,S,T
62.	Erythromycin Estolate	P,S,T
63.	Ethambutol	P,S,T
64.	Ethinylestradiol	P,S,T
65.	Ethinylestradiol + Levonorgesterol	P,S,T
66.	Ethinylestradiol + Norethisterone	P,S,T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
67.	Ethyl Alcohol 70%	P,S,T
68.	Famotidine	P,S,T
69.	Ferrous Salt	P,S,T
70.	Fluoxetine hydrochloride	P,S,T
71.	Folic Acid	P,S,T
72.	Formaldehyde IP	P,S,T
73.	Framycetin Sulphate	P,S,T
74.	Furosemide	P,S,T
75.	Gentamicin	P,S,T
76.	Gentian Violet	P,S,T
77.	Glibenclamide	P,S,T
78.	Glucose	P,S,T
79.	Glucose with sodium chloride	P,S,T
80.	Glycerin	P,S,T
81.	Glyceryl Trinitrate	P,S,T
82.	Griseofulvin	P,S,T
83.	Hepatitis B Vaccine	P,S,T
84.	Homatropine	P,S,T
85.	Hydrochlorothiazide	P,S,T
86.	Hydrocortisone sodium succinate	P,S,T
87.	Hydrogen Peroxide	P,S,T
88.	Hyoscine Butyl Bromide	P,S,T
89.	Ibuprofen	P,S,T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
90.	Imipramine	P,S,T
91.	Insulin Injection(Soluble)	P,S,T
92.	Intermediate Acting(Lente/NPH Insulin)	P,S,T
93.	Ipratropium bromide	P,S,T
94.	Isoniazid	P,S,T
95.	Isosorbide 5 Mononitrate/Dinitrate	P,S,T
96.	Ispaghula	P,S,T
97.	IUD containing Copper	P,S,T
98.	Ketamine Hydrochloride	P,S,T
99.	Levodopa+ Carbidopa	P,S,T
100.	Levothyroxine	P,S,T
101.	Lignocaine Hydrochloride	P,S,T
102.	Lignocaine Hydrochloride + Adrenaline	P,S,T
103.	Mannitol	P,S,T
104.	Measles Vaccine	P,S,T
105.	Medroxy Progesterone Acetate	P,S,T
106.	Metformin	P,S,T
107.	Methyl Ergometrine	P,S,T
108.	Methyldopa	P,S,T
109.	Methylrosanilinium Chloride (Gentian Violet)	P,S,T
110.	Metoclopramide	P,S,T
111.	Metoprolol	P,S,T
112.	Metronidazole	P,S,T



<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
113.	Miconazole	P,S,T
114.	Midazolam	P,S,T
115.	Multivitamins (As per Schedule V of Drugs and Cosmetics Rules)	P,S,T
116.	N-acetylcysteine	P,S,T
117.	Naloxone	P,S,T
118.	Neomycin + Bacitracin	P,S,T
119.	Nicotinamide	P,S,T
120.	Nitrofurantoin	P,S,T
121.	Nitrous Oxide	P,S,T
122.	Norethisterone	P,S,T
123.	Normal Saline	P,S,T
124.	Nystatin	P,S,T
125.	Omeprazole	P,S,T
126.	Oral Poliomyelitis vaccine (LA)	P,S,T
127.	Oral Rehydration Salts	P,S,T
128.	Oxygen	P,S,T
129.	Paracetamol	P,S,T
130.	Pheniramine Maleate	P,S,T
131.	Phenobarbitone	P,S,T
132.	Phenylephrine	P,S,T
133.	Phenytoin Sodium	P,S,T
134.	Phytomenadione	P,S,T
135.	Piperazine	P,S,T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
136.	Polyvalent Antisnake Venom	P,S,T
137.	Potassium Chloride	P,S,T
138.	Potassium Permanganate	P,S,T
139.	Povidone Iodine	P,S,T
140.	Pralidoxime Chloride(2-PAM)	P,S,T
141.	Prednisolone	P,S,T
142.	Prednisolone Acetate	P,S,T
143.	Prednisolone Sodium Phosphate	P,S,T
144.	Premix Insulin 30:70 injection	P,S,T
145.	Primaquine	P,S,T
146.	Promethazine	P,S,T
147.	Propofol	P,S,T
148.	Propranolol hydrochloride	P,S,T
149.	Pyrazinamide	P,S,T
150.	Pyridoxine	P,S,T
151.	Pyrimethamine	P,S,T
152.	Quinine sulphate	P,S,T
153.	Rabies immunoglobulin	P,S,T
154.	Rabies Vaccine	P,S,T
155.	Ranitidine	P,S,T
156.	Riboflavin	P,S,T
157.	Rifampicin	P,S,T
158.	Ringer Lactate	P,S,T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
159.	Salbutamol sulphate	P,S,T
160.	Salicylic Acid	P,S,T
161.	Silver Sulphadiazine	P,S,T
162.	Sodium Bicarbonate	P,S,T
163.	Sodium Valproate	P,S,T
164.	Specific antisnake venom	P,S,T
165.	Spironolactone	P,S,T
166.	Streptomycin Sulphate	P,S,T
167.	Sulfadoxine + Pyrimethamine	P,S,T
168.	Sulphacetamide Sodium	P,S,T
169.	Testosterone	P,S,T
170.	Tetanus Toxoid	P,S,T
171.	Tetracaine Hydrochloride	P,S,T
172.	Thiamine	P,S,T
173.	Timolol Maleate	P,S,T
174.	Trihexyphenidyl Hydrochloride	P,S,T
175.	Tuberculin, Purified Protein derivative	P,S,T
176.	Vecuronium	P,S,T
177.	Vitamin A	P,S,T
178.	Vitamin D (Ergocalciferol)	P,S,T
179.	Water for Injection	P,S,T
180.	Zinc Oxide	P,S,T
181.	Zinc Sulfate	P,S,T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
<b>Total Medicines under Category P,S,T - 181</b>		
1.	5-Amino salicylic Acid	S,T
2.	Acetazolamide	S,T
3.	Acyclovir	S, T
4.	Adenosine	S,T
5.	Albumin	S, T
6.	Allopurinol	S, T
7.	Amikacin	S, T
8.	Amiodarone	S, T
9.	Amoxicillin	S,T
10.	Amphotericin B	S, T
11.	Anti-D immunoglobulin (human)	S, T
12.	Atracurium besylate	S, T
13.	Azathioprine	S, T
14.	Azithromycin	S,T
15.	Barium Sulphate	S, T
16.	Bromocriptine Mesylate	S, T
17.	Bupivacaine Hydrochloride	S, T
18.	Calcium Ipodate	S, T
19.	Cefotaxime	S, T
20.	Ceftazidime	S, T
21.	Ceftriaxone	S, T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
22.	Clindamycin	S, T
23.	Codeine phosphate	S,T
24.	Colchicine	S, T
25.	Cryoprecipitate	S, T
26.	Desferrioxamine mesylate	S, T
27.	Didanosine	S, T
28.	Digoxin	S, T
29.	Dihydroergotamine	S, T
30.	Diltiazem	S, T
31.	Dimercaprol	S, T
32.	Diphtheria Antitoxin	S, T
33.	Dobutamine	S,T
34.	Dopamine Hydrochloride	S,T
35.	Efavirenz	S, T
36.	Ether	S, T
37.	Factor IX Complex (Coagulation Factors II,VII, IX, X)	S, T
38.	Factor VIII Concentrate	S, T
39.	Fentanyl	S,T
40.	Fluconazole	S, T
41.	Fluorescein	S, T
42.	Glutaraldehyde	S,T
43.	Haloperidol	S, T
44.	Halothane with vaporizer	S, T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
45.	Heparin Sodium	S, T
46.	Hydroxychloroquine phosphate	S,T
47.	Hydroxyethyl Starch (Hetastarch)	S, T
48.	Indinavir	S, T
49.	Iodine	S,T
50.	Iopanoic Acid	S, T
51.	Iron Dextran	S, T
52.	Isoflurane	S, T
53.	Lamivudine	S, T
54.	Lamivudine + Nevirapine + Stavudine	S, T
55.	Lamivudine + Zidovudine	S, T
56.	Leflunomide	S,T
57.	Lignocaine	S, T
58.	Losartan Potassium	S, T
59.	Magnesium sulphate	S,T
60.	Mefloquine	S,T
61.	Meglumine Iothalamate	S, T
62.	Meglumine Iotroxate	S, T
63.	Methotrexate	S,T
64.	MethylPrednisolone	S,T
65.	Methylthioninium chloride (Methylene blue)	S, T
66.	Morphine Sulphate	S, T
67.	N/2 Saline	S, T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
68.	N/5 Saline	S, T
69.	Nelfinavir	S, T
70.	Neostigmine	S,T
71.	Nevirapine	S, T
72.	Nifedipine	S,T
73.	Ofloxacin	S, T
74.	Ondansetron	S, T
75.	Oxytocin	S,T
76.	Penicillamine	S, T
77.	Pentamidine Isothionate	S, T
78.	Permethrin	S,T
79.	Pilocarpine	S,T
80.	Platelet Rich Plasma	S, T
81.	Polygeline	S, T
82.	Praziquantel	S, T
83.	Propylidone	S, T
84.	Protamine Sulphate	S, T
85.	Pyridostigmine	S, T
86.	Ritonavir	S, T
87.	Saquinavir	S, T
88.	Sodium Iothalamate	S, T
89.	Sodium Meglumine Diatrizoate	S, T
90.	Sodium Nitrite	S, T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
91.	Sodium Stibogluconate	S, T
92.	Sodium Thiosulphate	S, T
93.	Stavudine	S, T
94.	Stavudine+Lamivudine	S,T
95.	Streptokinase	S, T
96.	Succinyl choline chloride	S,T
97.	Sulfasalazine	S, T
98.	Sulphadiazine	S, T
99.	Terbutaline Sulphate	S,T
100.	Thiopentone Sodium	S, T
101.	Tramadol	S, T
102.	Tropicamide	S, T
103.	Verapamil	S, T
104.	Warfarin sodium	S, T
105.	Zidovudine	S, T
106.	Zidovudine+ Lamivudine+ Nevirapine	S,T
<b>Total Medicines under Category S,T - 106</b>		
1.	5-Fluorouracil	T
2.	Actinomycin D	T
3.	Alpha Interferon	T
4.	Amoxicillin+Clavulinic acid	T
5.	Betaxolol Hydrochloride	T



<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
6.	Bleomycin	T
7.	Busulphan	T
8.	Carboplatin	T
9.	Cefixime	T
10.	Chlorambucil	T
11.	Cisplatin	T
12.	Clomiphene citrate	T
13.	Clopidogrel	T
14.	Cyclophosphamide	T
15.	Cyclosporine	T
16.	Cytosine arabinoside	T
17.	Dacarbazine	T
18.	Danazol	T
19.	Daunorubicin	T
20.	Diclofenac	T
21.	Dithranol	T
22.	Doxorubicin	T
23.	EMLA cream	T
24.	Enoxaparin	T
25.	Esmolol	T
26.	Etoposide	T
27.	Filgrastim	T
28.	Flumazenil	T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
29.	Flutamide	T
30.	Folinic Acid	T
31.	Fresh frozen plasma	T
32.	Gemcitabine hydrochloride	T
33.	Glucagon	T
34.	Hormone Releasing IUD	T
35.	Ifosfamide	T
36.	Imatinib	T
37.	Intraperitoneal Dialysis Solution	T
38.	L- Asparaginase	T
39.	Lithium Carbonate	T
40.	Lorazepam	T
41.	Melphalan	T
42.	Mercaptopurine	T
43.	Mesna	T
44.	Methyl Cellulose	T
45.	Mifepristone	T
46.	Misoprostol	T
47.	Mitomycin-C	T
48.	Olanzapine	T
49.	Oxaliplatin	T
50.	Paclitaxel	T
51.	Pantoprazole	T

<b>S.No</b>	<b>List of Medicines in NLEM 2011 – Category Wise</b>	<b>Category</b>
52.	Procainamide Hydrochloride	T
53.	Procarbazine	T
54.	Raloxifene	T
55.	Sevoflurane	T
56.	Sodium Nitroprusside	T
57.	Tamoxifen Citrate	T
58.	Urokinase	T
59.	Vancomycin Hydrochloride	T
60.	Vinblastine sulphate	T
61.	Vincristine	T
	<b>Total Medicines</b>	
	<b>Category P,S,T</b>	<b>181</b>
	<b>Category S,T</b>	<b>106</b>
	<b>Category T</b>	<b>61</b>
	<b>Total</b>	<b>348</b>