

National List of Essential Medicines of India 2011

TABLE OF CONTENTS

PREAMBLE	4
EXECUTIVE SUMMARY	Error! Bookmark not defined.
Salient features of NLEM 2011:	Error! Bookmark not defined.
The meetings/deliberations of core committee/ National consultation meetings held for preparing the National List of Essential Medicines 2011	12
PROCESS ADOPTED FOR REVISION OF NLEM	13
POTENTIAL USES OF NLEM	15
EXPERTS WHO PARTICIPATED IN PREPARING NLEM- 2011.....	16
MEDICINES ADDED IN THE NLEM 2011	Error! Bookmark not defined.
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	36
Section: 4 - Antidotes and Other Substances used in Poisonings	36
Section: 5 – Anticonvulsants/ Antiepileptics	38
Section: 6 – Anti-infective Medicines	39
Section: 7 –Antimigraine medicines	47
Section: 8 –Antineoplastic, immunosuppressives and medicines used in palliative care.....	48
Section: 9 –Antiparkinsonism medicines	51
Section: 10 –Medicines affecting the blood	52
Section: 11 –Blood products and Plasma substitutes.....	53
Section: 12 –Cardiovascular medicines	54
Section: 13 –Dermatological medicines (Topical).....	58
Section: 14 –Diagnostic agents	60
Section: 15 –Disinfectants and antiseptics	61
Section: 16 –Diuretics	62

Section: 17 – Gastrointestinal medicines	63
Section: 18 –Hormones, other endocrine medicines and contraceptives	66
Section: 19 Immunologicals	68
Section: 20 – Muscle Relaxants (Peripherally acting) and Cholinesterase Inhibitors	71
Section: 21 – Ophthalmological Preparations	72
Section: 22 – Oxytocics and Antioxytocics.....	73
Section: 23 – Peritoneal Dialysis Solution.....	75
Section: 24 – Psychotherapeutic Medicines	75
Section: 25 – Medicines acting on the respiratory tract	77
Section: 26 – Solutions correcting water, electrolyte and acid-base disturbances	78
Section: 27 – Vitamins and Minerals	79
Alphabetical List of Medicines – Therapeutic area wise	80
Alphabetical List of Medicines in NLEM 2011.....	97
List of Medicines in NLEM 2011 – Category Wise	111

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 4th Jan 2011 and 31st 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 31st 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 42nd Annual conference of Indian Pharmacological Society, on 11th December, 2009 at Swabhumi, Kolkata

PROCESS ADOPTED FOR REVISION OF NLEM

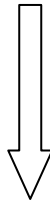
National List of Essential Medicines 2003

(Base document)



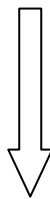
Consultation meetings with Experts

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



Therapeutic area wise group discussion

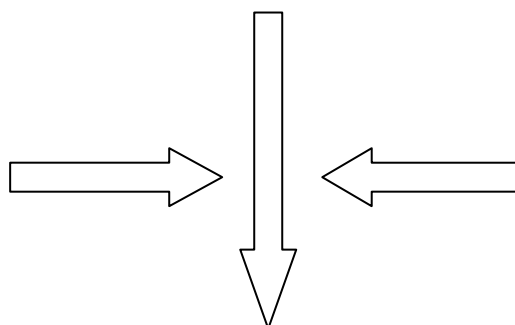
(Group composition: Clinicians, Pharmacologists, Pharmacists, Scientists and Regulators)



REVISION PROCESS contd...

Presentation by groups in open house discussion

Resource Support:
Scientists, Senior Residents,
Junior Residents and PhD
Scholar of Dept of
Pharmacology, AIIMS, New
Delhi



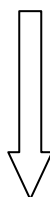
Resource Materials:

- WHO Model List of Essential Medicines 2010,
- WHO model formulary,
- National Formulary of India 2010 (Pre print Version),
- Textbooks of Pharmacology, Internal Medicine,
- Drug compendia,
- Indian Pharmacopoeia,
- Internet facility

**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 Pharmacopoeia 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	Pharmacology and Malaria expert	✓	-√--

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 physician	---	✓
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	✓	✓

MEDICINES ADDED IN THE NLEM - 2011	
S.No.	Name of the medicine
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

MEDICINES DELETED FROM NLEM - 2003	
S.No.	Name of the medicine
1.	Acenocoumarol
2.	Aminophylline
3.	Benzoic Acid + Salicylic Acid
4.	Benzympenicillin
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

MEDICINES DELETED FROM NLEM - 2003	
S.No.	Name of the medicine
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

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

NATIONAL LIST OF ESSENTIAL MEDICINES 2011

Section: 1 – Anesthesia

1.1 General Anesthetics and Oxygen

Medicines	Category	Route of Administration	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	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% + Adrenaline 1:200,000
Added Medicines			
EMLA cream	T	Cream	
1.3 Preoperative Medication and Sedation for Short Term Procedures			
Medicines	Category	Route of Administration	Strengths
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	Strengths
Acetyl Salicylic Acid	P, S, T	Tablets	325, 350 mg
Diclofenac	T	Tablets	50 mg
	T		
	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 Is this commonly used ??/	80 mg, 170 mg
2.2 Opioid Analgesics			
Medicines	Category	Route of	Strengths

		Administration	
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	50ug/ml 2ml ampoule
2.3 Medicines used to treat Gout			
Allopurinol	S, T	Tablets	100 mg
Colchicin	S, T	Tablets	0.5 mg
2.4 Disease modifying agents used in Rheumatoid disorders			
Azathioprine	S, T	Tablets	50 mg
Methotrexate	S,T	Tablets	5, 7.5, 10mg
Sulfasalazine	S, T	Tablets	500 mg
Added medicines			
Hydroxychloro quine phosphate	S,T	Tablets	200 mg
Leflunomide	S,T	Tablets	10,20 mg tab

Section: 3 – Antiallergics and Medicines used in Anaphylaxis			
Medicines	Category	Route of Administration	Strengths
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
Added Medicines			
Cetirizine	P,S,T	Tablets	10mg
		Syrup	5 mg/ml

NLEM 2011			
Section: 4 - Antidotes and Other Substances used in Poisonings			
4.1: Nonspecific			
Medicines	Category	Route of Administration	Strengths
Activated Charcoal	P,S,T	Oral	
4.2: Specific			
Medicines	Category	Route of Administration	Strengths
Atropine Sulphate	P,S,T	Injection	1 mg/ml

Specific antsnake venom	P,S,T	Injection Polyvalent Solution/ Lyophilized Polyvalent Serum	
Calcium gluconate	P,S,T	Injection	100mg/ml
Desferrioxamine mesylate	S, T	Injection	500mg
Methylthionium 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	Strengths
Carbamazepine	P, S, T	Tablets Syrup	100mg 200mg 100 mg/5ml
Diazepam	P,S,T	Injection	5 mg / ml
Magnesium sulphate	S,T	Injection	500 mg /ml
Phenobarbitone	P,S,T ST P,S,T	Tablets Injection Syrup	30 mg,60 mg 200 mg/ml 20 mg/5ml
Phenytoin Sodium	P,S,T	Capsules or Tablets Syrup Injection	50 mg, 100mg 25mg/ml 50 mg/ml
Sodium Valproate	P,S,T	Tablets Syrup	200 mg, 500mg 200 mg/5ml
	T	Injection	100 mg/ml
Added Medicines			
Lorazepam	T	Injection	2mg/ml

Section: 6 – Anti-infective Medicines			
6.1 Anthelmintics			
6.1.1 Intestinal Anthelmintics			
Medicines	Category	Route of Administration	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	Strengths
Diethylcarbama zine citrate	P,S,T	Tablets	50 mg
6.1.3 Antischistosomes and Antitrematode Medicines			
Medicines	Category	Route of Administration	Strengths
Praziquantel	S, T	Tablets	600 mg
6.2 Antibacterials			
6.2.1 Beta lactam medicines			
Medicines	Category	Route of Administration	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
Added Medicines			
Amoxicillin+Clav ulinic acid	T	Tablets Powder for suspension Injection	625 mg 228.5mg/5ml 600mg, 1.2gm
Cefixime	T	Tablet	100, 200mg
6.2.2 Other antibacterials			
Medicines	Category	Route of Administration	Strengths
Amikacin	S, T	Injection	250 mg / 2 ml
Azithromycin	S,T	Tablets Suspension Injection	100, 250,500mg 100mg/5ml 500mg
Ciprofloxacin Hydrochloride	P,S,T	Injection Tablets	200 mg /100 ml 250 mg, 500 mg
Co- Trimoxazole (Trimethoprim + Sulphamethoxa	P,S,T	Tablets Suspension	80 + 400 mg 160+800 mg 40 + 200 mg / 5 ml

zole)			
Doxycycline	P,S,T	Tablets	100 mg
Erythromycin	P,S,T	Syrup	125 mg / 5 ml
Estolate		Tablets	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	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	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
6.3 Antifungal medicines			
Medicines	Category	Route of Administration	Strengths
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
6.4 Antiviral medicines			
6.4.1 Antiherpes medicines			
Medicines	Category	Route of Administration	Strengths
Acyclovir	S, T	Tablets Injection Suspension	200 mg, 400 mg 250 mg, 500 mg 400 mg / 5 ml
6.4.2 Antiretroviral medicines			
6.4.2.1 Nucleoside reverse transcriptase inhibitors			

Medicines	Category	Route of Administration	Strengths
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
ADDED MEDICINES			
Stavudine+ Lamivudine	S,T	Tablets	30mg+ 150mg
Zidovudine+ Lamivudine+ Nevirapine	S,T	Tablets	300mg+ 150mg+ 200mg
6.4.2.2 Non-nucleoside reverse transcriptase inhibitors			
Medicines	Category	Route of Administration	Strengths
Efavirenz	S, T	Capsules	200 mg, 600 mg
Nevirapine	S, T	Capsules Suspension	200 mg 50 mg / 5 ml
6.4.2.3 Protease inhibitors			
Medicines	Category	Route of Administration	Strengths
Indinavir	S, T	Capsules	200 mg, 400 mg

Nelfinavir	S, T	Capsules	250 mg
Ritonavir	S, T	Capsules Syrup	100 mg400 mg / 5 ml
Saquinavir	S, T	Capsules	200 mg
6.5 Antiprotozoal Medicines			
6.5.1 Antiamoebic and Antigiardiasis medicines			
Medicines	Category	Route of Administration	Strengths
Diloxanide Furoate	P,S,T	Tablets	500 mg
Metronidazole	P,S,T	Tablets	200 mg, 400 mg
		Injection	500 mg /100 ml
6.5.2 Antileishmaniasis medicines			
Medicines	Category	Route of Administration	Strengths
Amphotericin B	S, T	Injection	50 mg
Pentamidine Isothionate	S, T	Injection	200 mg
Sodium Stibogluconate	S, T	Injection	100 mg / ml
6.5.3 Antimalarial Medicines			
6.5.3.1 For curative treatment			
Medicines	Category	Route of Administration	Strengths
Artesunate (To be used only in combination with Sulfadoxine +	P,S,T	Tablets	50 mg

Pyrimethamine)			
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
Medicines added			
Clindamycin	S,T	Tablet	150, 300mg
6.5.3.2 For prophylaxis			
Medicines	Category	Route of Administration	Strengths
Medicines added			
Mefloquine	S,T	Tablet	250 mg base
6.5.4 Antipneumocystosis and Antitoxoplasmosis medicines			
Medicines	Category	Route of Administration	Strengths
Co- Trimoxazole (Trimethoprim + Sulphamethoxa zole)	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			
Medicines	Category	Route of Administration	Strengths
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			
Medicines	Category	Route of Administration	Strengths
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	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	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
Etoposide	T	Capsules	100 mg

		Injection	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
Added medicines			
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
8.3: Hormones and antihormones			
Medicines	Category	Route of Administration	Strengths
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
8.4: Medicines used in palliative care			
Medicines	Category	Route of Administration	Strengths
Morphine Sulphate	T	Tablets	10 mg
Ondansetron	S, T	Tablets	4 mg, 8 mg
		Injection	2 mg/ml
		Syrup	2 mg/5 ml
Added Medicines			
Filgrastim	T	Injection	1 ml vial
Allopurinol	T	Tablets	100 mg

Section: 9 –Antiparkinsonism medicines

Medicines	Category	Route of Administration	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	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	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	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	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	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	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
12.3: Antihypertensive medicines			
Medicines	Category	Route of Administration	Strengths
Amlodipine	P,S,T	Tablets	2.5 mg, 5 mg
Atenolol	P,S,T	Tablets	50 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

Added Medicines			
Hydrochlorthiazide	P,S,T	Tablets	12.5, 25 mg
12.4: Medicines used in heart failure			
Medicines	Category	Route of Administration	Strengths
Digoxin	S, T	Tablets	0.25 mg
		Injection	0.25 mg/ml
		Elixir	0.05 mg/ml
Dobutamine	S, T	Injection	50 mg / ml
Dopamine Hydrochloride	S,T	Injection	40 mg / ml
12.5: Antithrombotic medicines			
Medicines	Category	Route of Administration	Strengths
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
New Category - ADDED			
12.6 Hypolipidemic Medicines			
Atorvastatin	P,S,T	Tablets	5 mg, 10 mg

Section: 13 –Dermatological medicines (Topical)			
13.1: Antifungal medicines			
Medicines	Category	Route of Administration	Strengths
Miconazole	P,S,T	Ointment or Cream	2%
13.2: Antiinfective medicines			
Medicines	Category	Route of Administration	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	Strengths
Betamethasone Dipropionate	P,S,T	Cream / Ointment	0.05%
Calamine	P,S,T	Lotion	
13.4: Astringent Medicines			
Medicines	Category	Route of Administration	Strengths

Zinc Oxide	P,S,T	Dusting Powder	
13.5: Medicines affecting skin differentiation and proliferation			
Medicines	Category	Route of Administration	Strengths
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%
13.6: Scabicides and Pediculicides			
Medicines	Category	Route of Administration	Strengths
Benzyl benzoate	P,S,T	Lotion	25 %
Added Medicines			
Permethrin	S,T	Cream Lotion	5% 1%, 5%

Section: 14 –Diagnostic agents			
14.1: Ophthalmic medicines			
Medicines	Category	Route of Administration	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	Strengths
Barium Sulphate	S, T	Suspension	100% w/v, 250% w/v
Calcium Iodate	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	Strengths
Acriflavin+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	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	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	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	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
17.3: Antiinflammatory Medicines			
Medicines	Category	Route of Administration	Strengths
Added Medicines			
5-Amino salicylic Acid (5-ASA)	S,T	Tablets	400mg
17.4: Antispasmodic medicines			
Medicines	Category	Route of Administration	Strengths
Dicyclomine Hydrochloride	P,S,T	Tablets Injection	10 mg 10 mg / ml
Hyoscine Butyl Bromide	P,S,T	Tablets or Injection	10 mg 20 mg / ml
17.5: Laxatives			
Medicines	Category	Route of Administration	Strengths
Bisacodyl	P,S,T	Tablets, Suppository	5 mg
Ispaghula	P,S,T	Granules	
17.6: Medicines used in diarrhoea			
17.6.1 Oral dehydration salts			
Medicines	Category	Route of Administration	Strengths
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)
17.6.2 Antidiarrhoeal medicines			
Medicines	Category	Route of Administration	Strengths
Medicines added			
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	Strengths
Dexamethasone	S,T	Tablets Injection	0.5mg 4mg/ml
Hydrocortisone Sodium Succinate	P, S,T	Injection	100 mg / ml
MethylPrednisolone	S,T	Injection	40 mg/ ml
Prednisolone	P, S,T	Tablets	5mg, 10mg, 20mg
18.2: Androgens			
Medicines	Category	Route of Administration	Strengths
Testosterone	P,S,T	Capsules Injection	40mg(as undecanoate) 25mg/ml(as propionate)
18.3: Contraceptives			
18.3.1: Hormonal Contraceptives			
Medicines	Category	Route of Administration	Strengths
Ethinylestradiol + Levonorgesterol	P,S,T	Tablets	.03 mg +0.15 mg
Ethinylestradiol + Norethisterone	P,S,T	Tablets	0.035 mg +1.0 mg
Hormone Releasing IUD	T	Levonorgesterol Releasing	IUD

18.3.2: Intrauterine devices			
Medicines	Category	Route of Administration	Strengths
IUD containing Copper	P,S,T		
18.3.3: Barrier Methods			
Medicines	Category	Route of Administration	Strengths
Condoms	P,S,T		
18.4: Estrogens			
Medicines	Category	Route of Administration	Strengths
Ethinylestradiol	P,S,T	Tablets	0.01mg 0.05mg
18.5: Medicines used in Diabetes mellitus			
18.5.1: Insulins and other Antidiabetic agents			
Medicines	Category	Route of Administration	Strengths
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
Added medicines			
Premix Insulin 30:70 injection	P,S,T	Injection	40IU/ml
18.5.2 Medicines used to treat hypoglycemia			

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

Section: 19 Immunologicals

19.1: Diagnostic agents

Drugs	Category	Route of Administration	Strengths
Tuberculin, Purified Protein derivative	P,S,T	Injection	1 TU, 5 TU
19.2: Sera and immunoglobins			
Drugs	Category	Route of Administration	Strengths
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
19.3: Vaccines			
19.3.1: For Universal Immunisation			
Drugs	Category	Route of Administration	Strengths
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	

19.3.2: For Specific Group of Individuals			
Drugs	Category	Route of Administration	Strengths
Rabies Vaccine	P,S,T	Injection	
Tetanus Toxoid	P,S,T	Injection	

Section: 20 – Muscle Relaxants (Peripherally acting) and Cholinesterase Inhibitors			
Drugs	Category	Route of Administration	Strengths
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
<i>Added drugs</i>			
Vecuronium	P,S,T	Injection	2 mg/ml

Section: 21 – Ophthalmological Preparations			
21.1: Anti-infective agents			
Medicines	Category	Route of Administration	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	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	Strengths
Tetracaine Hydrochloride	P,S,T	Drops	0.5%
21.4: Miotics and Antiglucoma medicines			
Medicines	Category	Route of Administration	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%,
21.5: Mydriatics			
Medicines	Category	Route of Administration	Strengths
Atropine Sulphate	P,S,T	Drops/Ointment	1%
Homatropine	P,S,T	Drops	2%
Phenylephrine	P,S,T	Drops	5%
21.6: Ophthalmic Surgical Aids			
Medicines	Category	Route of Administration	Strengths
Methyl Cellulose	T	Injection	2%

Section: 22 – Oxytocics and Antioxytocics			
22.1: Oxytocics			
Medicines	Category	Route of Administration	Strengths
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
Added medicines			
Misoprostol	T	Tablets	100ug

22.2: Antioxytocs			
Medicines	Category	Route of Administration	Strengths
Terbutaline Sulphate	S,T	Tablets	2.5 mg
		Injection	0.5 mg/ml
Added Medicines			
Nifedipine	S,T	Tablets	10 mg
Betamethasone	P,S,T	Injection	4 mg/ml

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

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

Section: 25 – Medicines acting on the respiratory tract			
25.1: Antiasthmatic medicines			
Medicines	Category	Route of Administration	Strengths
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
Added Medicines			
Ipratropium bromide	P,S,T	Inhalation	20µg/metered dose
25.2: Antitussives			
Medicines	Category	Route of Administration	Strengths
Codeine phosphate	S,T	Tablets Syrup	10mg 15mg/ 5ml
Dextromethorphan	P,S,T	Tablets	30mg
NLEM 2011			

Section: 26 – Solutions correcting water, electrolyte and acid-base disturbances			
26.1: Oral			
Medicines	Category	Route of Administration	Strengths
Oral Rehydration Salts	P, S, T	Powder for Solution	As per IP
26.2: Parenteral			
Medicines	Category	Route of Administration	Strengths
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
26.3: Miscellaneous			
Medicines	Category	Route of Administration	Strengths
Water for Injection	P, S, T	Injection	2 ml, 5 ml, 10 ml

Section: 27 – Vitamins and Minerals			
Medicines	Category	Route of Administration	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
Added Medicines			
Calcium gluconate	P,S,T	Injection	100mg/ml in 10 ml ampoule

Alphabetical List of Medicines – Therapeutic area wise	
S.No	Section 1: – Anesthesia
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
	SECTION: 2 – Analgesics , Antipyretics, Nonsteroidal anti-inflammatory medicines, Medicines used to treat Gout and Disease Modifying Agents used in Rheumatoid Disorders
1.	Acetyl Salicylic Acid
2.	Allopurinol
3.	Azathioprine
4.	Colchicin

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

Alphabetical List of Medicines – Therapeutic area wise	
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 antsnake venom
SECTION: 5 – Anticonvulsants/ Antiepileptics	
1.	Carbamazepine
2.	Diazepam
3.	Lorazepam
4.	Magnesium sulphate
5.	Phenobarbitone
6.	Phenytoin Sodium
7.	Sodium Valproate
Section:6 – Anti-infective Medicines	
1.	Acyclovir
2.	Albendazole
3.	Amikacin
4.	Amoxicillin
5.	Amoxicillin+Clavulinic acid
6.	Amphotericin B

Alphabetical List of Medicines – Therapeutic area wise	
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

Alphabetical List of Medicines – Therapeutic area wise	
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

Alphabetical List of Medicines – Therapeutic area wise	
57.	Stavudine
58.	Stavudine+Lamivudine
59.	Streptomycin Sulphate
60.	Sulfadoxine + Pyrimethamine
61.	Sulphadiazine
62.	Vancomycin Hydrochloride
63.	Zidovudine
64.	Zidovudine+ Lamivudine+ Nevirapine
	SECTION: 7 –Antimigraine medicines
1.	Acetyl Salicylic Acid
2.	Dihydroergotamine
3.	Paracetamol
4.	Propranolol hydrochloride
	SECTION: 8 –Antineoplastic, immunosuppressives and medicines used in palliative care
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

Alphabetical List of Medicines – Therapeutic area wise	
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

Alphabetical List of Medicines – Therapeutic area wise	
37.	Raloxifene
38.	Tamoxifen Citrate
39.	Vinblastine sulphate
40.	Vincristine
	SECTION: 9 –Antiparkinsonism medicines
1.	Bromocriptine Mesylate
2.	Levodopa+ Carbidopa
3.	Trihexyphenidyl Hydrochloride
	SECTION: 10 –Medicines affecting the blood
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
	SECTION: 11 –Blood products and Plasma substitutes
1.	Albumin
2.	Cryoprecipitate
3.	Dextran-40
4.	Dextran-70
5.	Factor IX Complex (Coagulation Factors II,VII, IX, X)

Alphabetical List of Medicines – Therapeutic area wise	
6.	Factor VIII Concentrate
7.	Fresh frozen plasma
8.	Hydroxyethyl Starch (Hetastarch)
9.	Platelet Rich Plasma
10.	Polygeline
	SECTION: 12 –Cardiovascular medicines
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

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

Alphabetical List of Medicines – Therapeutic area wise	
	SECTION: 14 –Diagnostic agents
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
	SECTION: 15 –Disinfectants and antiseptics
1.	Acriflavin+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

Alphabetical List of Medicines – Therapeutic area wise	
	SECTION: 16 –Diuretics
1.	Furosemide
2.	Hydrochlorothiazide
3.	Mannitol
4.	Spironolactone
	SECTION: 17 – Gastrointestinal medicines
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
	SECTION: 18 –Hormones, other endocrine medicines and contraceptives
1.	25% Dextrose

Alphabetical List of Medicines – Therapeutic area wise	
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
	SECTION: 19 - Immunologicals
1.	Anti-D immunoglobulin (human)

Alphabetical List of Medicines – Therapeutic area wise	
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
	SECTION: 20 – Muscle Relaxants (Peripherally acting) and Cholinesterase Inhibitors
1.	Atracurium besylate
2.	Neostigmine
3.	Pyridostigmine
4.	Succinyl choline chloride
5.	Vecuronium
	SECTION: 21 – Ophthalmological Preparations
1.	Acetazolamide
2.	Atropine Sulphate
3.	Betaxolol Hydrochloride
4.	Chloramphenicol
5.	Ciprofloxacin Hydrochloride
6.	Gentamicin

Alphabetical List of Medicines – Therapeutic area wise	
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
	SECTION: 22 – Oxytocics and Antioxytocics
1.	Betamethasone
2.	Methyl Ergometrine
3.	Mifepristone
4.	Misoprostol
5.	Nifedipine
6.	Oxytocin
7.	Terbutaline Sulphate
	SECTION: 23 – Peritoneal Dialysis Solution
1	Intraperitoneal Dialysis Solution
	SECTION: 24 – Psychotherapeutic Medicines
1.	Alprazolam
2.	Amitriptyline
3.	Chlorpromazine hydrochloride

Alphabetical List of Medicines – Therapeutic area wise	
4.	Diazepam
5.	Fluoxetine hydrochloride
6.	Haloperidol
7.	Imipramine
8.	Lithium Carbonate
9.	Olanzapine
10.	Sodium Valproate
	SECTION: 25 – Medicines acting on the respiratory tract
1.	Beclomethasone Dipropionate
2.	Codeine phosphate
3.	Dextromethorphan
4.	Hydrocortisone sodium succinate
5.	Ipratropium bromide
6.	Salbutamol sulphate
	SECTION: 26 – Solutions correcting water, electrolyte and acid-base disturbances
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	
	SECTION: 27 – Vitamins and Minerals
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. Cetirizine
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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 antsnake 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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
Total Medicines under Category P,S,T - 181		
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 Iodate	S, T
19.	Cefotaxime	S, T
20.	Ceftazidime	S, T
21.	Ceftriaxone	S, T

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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
Total Medicines under Category S,T - 106		
1.	5-Fluorouracil	T
2.	Actinomycin D	T
3.	Alpha Interferon	T
4.	Amoxicillin+Clavulinic acid	T
5.	Betaxolol Hydrochloride	T

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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

S.No	List of Medicines in NLEM 2011 – Category Wise	Category
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
	Total Medicines	
	Category P,S,T	181
	Category S,T	106
	Category T	61
	Total	348