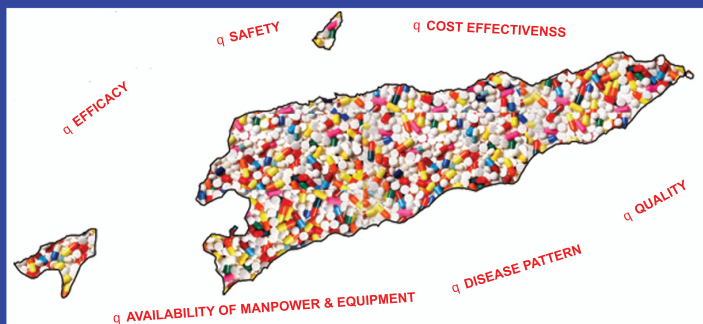




TIMOR LESTE ESSENTIAL MEDICINES LIST (TLEML)



Committee for Selection of Medicines,
Products and Medical Equipment

CSMPEM

3rd Edition
MAY 2015

Preface



I am pleased to present the completely revised and updated 3rd edition of the Timor Leste Essential Medicines List. As medicines play a major role in the provision of healthcare services, the selection of the appropriate medicines required by the people of Timor Leste is one of the fundamental and dynamic activities of the Ministry of Health.

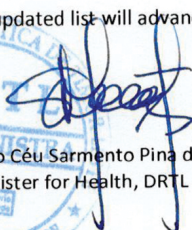
Essential Medicines are those that satisfy the priority health care needs of the population. They are selected with due regard to public health relevance, evidence on efficacy, safety and comparative cost-effectiveness.

This edition of the Timor Leste Essential Medicines List (TLEML) 2015 has been a result of highly consultative process with the contribution of most clinicians in the country.

I hope that all health providers would use this document as it continues to be an important tool in the management of medicines in the country. Strict adherence to the list during prescribing, dispensing, procurement and distribution remains a mandatory requirement.

Meanwhile in line with its policy, the Ministry continues to strive for a fairly equitable distribution and availability of essential medicines in the country.

I sincerely believe that the updated list will advance the service to all our people.



Dr. Maria do Céu Sarmento Pina da Costa
Minister for Health, DRTL

The official stamp of the Ministry of Health, DRTL, is a circular seal. It features the text "REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE" around the top edge and "MINISTÉRIO DA SAÚDE" around the bottom edge. In the center, there is a blue cross and the text "GAB. MINISTRO" and "DIRECÇÃO-GERAL DE SAÚDE".

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CSMPEM Membership

Based on the ministerial dispatch No. 25/2014/VGC/MS, the Committee for Selection of Medicines, Products and Medical Equipment (CSMPEM) membership is composed of the following:

1. Dr. Celeste Fernandes Xavier Cham, MGB – Head of Pharmacy Department MoH -- Chairperson
2. Dr. Mendes Pinto, SpB -- Director of Diagnostic and Therapeutic Support HNGV -- Member
3. Dr. Andrade Almeida da Cruz Monteiro, SpJ – Cardiologist – Member
4. Dr. Odete Maria Freitas Belo, MPH -- President of Ad-hoc Commission SAMES – Member
5. Ms Jonia Lourenca N. Brites da Cruz, BPharm. MHSM – Medicine Information Pharmacist DOP, MoH -- Member
6. Ms Agata do Espirito Santo Soares, S.Farm, Apt – HNGV Stores Pharmacist -- Member
7. Ms Nelia Maria Diaz Marcal, S.Farm, Apt – HNGV Inpatient Pharmacist -- Member

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CSMPEM

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Ministry of Health

Rua de Caicoli, Dili, Timor Leste

TLEML Review Process

The TLEML is reviewed periodically every three years by the Committee for Selection of Medicines, Products and Medical Equipment (CSMPPEM) through various consultative meetings and National Workshop, to assure that it contains medicines most useful for patient care

Procedures for changes on addition or deletion of medicines from Timor Leste Essential Medicines List

1. Adding new medicines to the List

Medicines are admitted to the List according to their non-proprietary (generic) names. No medicine or preparation shall be admitted to the list unless its formula or composition is known and its therapeutic value has been established to the satisfaction of the CSMPPEM.

Any member of the Medical staff may request the addition of a medicine to the list by completing an “Application form for Addition/Deletion of Medicines from TLEML” (annex. 1), to the Drug Information Unit, Department of Pharmacy, MoH. The Drug Information Unit will forward the request to the CSMPPEM. For each medicine, specific consideration is given to:

- Pharmacological classification
- Therapeutic indications
- Dosage forms available
- Bioavailability and pharmacokinetics
- Dosage range
- Known side effects and toxicities
- Special precautions required
- Advantages of the medicine over similar agents
- Disadvantages of the medicine compared to similar agents

- Therapeutic comparisons with other medicines or treatments
- Cost comparison with other medicines or treatments
- Estimated usage rate per annum

The CSMPEM will invite the requesting professional to attend the meeting and discuss the request.

The following represent major established criteria to be considered by CSMPEM when evaluating all new requests for addition of medicine to the List:

- Country disease patterns
- Efficacy, relative efficacy, effectiveness
- Safety
- Quality
- Cost and cost-effectiveness
- Medicines that are well known
- Health system personnel available to manage the medicine
- Financial resources available

2. Removing Medicines from the List

Request for the deletion of a medicine from the list (Application form for Addition/Deletion of Medicines from TLEML (annex. 1), shall be submitted in writing to the Chairperson of the CSMPEM, which is the Head of Department of Pharmacy, Ministry of Health. The Drug Information Unit, Department of Pharmacy will gather the supplemental information and forward the application to the CSMPEM for action. The committee may invite the requesting professional to attend this meeting and discuss the request.

3. Procedures for the request and procurement of non-listed medicine/item

Non-Listed medicines are usually necessary, in limited amounts, for patients who require specialized treatments or patient who have been

stabilized on medicines from practitioners outside the health care system.

When a patient is initiated on a non-listed medicine/item, a medical specialist or a clinician may request the purchase of that particular medicine provided that there are no other alternative medicines in the List and presenting sufficient evidence-based on the safety and efficacy of the medicine to be requested

Request for purchase of non-listed medicine can be requested using the “Request form for Non-Listed Medicines on Essential Medicines List Timor Leste” (annex. 2)

The form must be filled correctly and completely for ease of procurement. The filled form must be forwarded immediately to the Pharmacist in Charge at the respective hospital for notification of the Drug Information Pharmacist, Department of Pharmacy, MoH and the CSMPEM

The requesting professional is expected to present a feedback report to the CSMPEM on the effectiveness of the medicine requested within 7 days of completion or suspension of therapy. If the non-listed medicine is effective and has been requested from at least three (3) different professionals to the CSMPEM, then this can be considered for possible List inclusion

A register of all non-listed medicine requests should be kept by the pharmacy and the name of the requesting doctor, the name and quantity of the medicine and the indication for which the medicine was requested should be recorded. This information will be available to both SAMES and Department of Pharmacy (MoH). When compiled at the end of the year, this information can tell the CSMPEM, SAMES and Department of Pharmacy about prescriber adherence to the List and can also help in deciding whether or not to add medicines onto the List.

Abbreviations

The following abbreviations have been used in compiling the essential medicines list:

Abbreviations	Meanings
Spec	Specialist restricted medicines to be used on specialist prescription from hospitals only
Spec-D	Medicines to be prescribed by hospital specialists only but will be available for dispensing at District Health Centers
HNGV Spec	for use by respective specialists in the National Hospital Guido Valadares
Hosp	for use by hospitals only (HNGV and District Referrals Hospitals)
DHC	For use by District Health Center and all hospitals
SDHC	For use by Sub-district Health Centers & all District Health Centers and all Hospitals
HP2	For use by Health Posts with Emergency Care, plus all higher healthcare facilities
HP1	For use by all health facilities
LoU	Level of Use
V	Vital – life saving and vital – stock-out cannot be tolerated
E	Essential – Serious consequences follows if the medicine is unavailable for more than a few days to weeks
N	Necessary – This medicine is important but treatment can be started with some delay after a diagnosis or an alternative medicine could be used if available
mg	milligram
g	gram
ml	millilitre

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Abbreviations	Meanings
L	litre
mcg	microgram
IU	International Units
Soln	Solution
Liq	Liquid
Sub	Sublingual
Oint	Ointment
Aq	Aqueous
Supp	Suppository
Susp	Suspension
Vag	Vaginal
SR	Sustained-release
Tab	Tablet
Cap	Capsule
Inj	injection

Therapeutic Class of Medicines

Medicine's Name	Strength	Form	LoU	VEN
1. ANAESTHETICS				
1.1. General Anesthetics				
Halothane	250ml	liq. soln	Spec	V
Ketamine	50mg/ml (10ml)	inj	Spec	V
Oxygen inhalation			SDHC	V
Propofol	10mg/ml (20ml)	inj	Spec	E
Thiopental sodium	1g	inj	Spec	V
<i>Thiopental may be used as an alternative to propofol depending on local availability and cost</i>				
Sevoflurane	250ml	liq. soln	HNGV Spec	N
<i>Procure Sevoflurane in small amount for HNGV Anaesthetic Dept. only</i>				
1.2. Muscle relaxants (peripherally acting) and cholinesterase inhibitors				
Atracurium	10mg/ml	inj	HNGV Spec	N
<i>Procure Atracurium in small amount for HNGV Anaesthetic Dept. only</i>				
Neostigmine	5mg/ml (1ml)	inj	Hosp	V
<i>Procure the preparation of Neostigmine injection for IM, SC or Slow IV Use</i>				
Suxamethonium	50mg/ml (2ml)	inj	Spec	V
Vecuronium bromide	10mg/ml (5ml)	inj	Spec	V
1.3. Local anesthetics				
Bupivacaine HCL 0.5%	5mg/ml (4ml)	inj	Spec	E

Medicine's Name	Strength	Form	LoU	VEN
+ glucose 7.5% spinal Inj				
Ephedrine HCL	30mg/ml (1ml)	inj	Spec	V
<i>Ephedrine is used for spinal anaesthesia during delivery, to prevent hypotension</i>				
Lidocaine with Adrenaline	2% 1:80000	Cartridge	DHC	V
Lidocaine with Adrenaline	2 % 1:100000 (20ml-30ml)	inj	HP1	E
Lidocaine Plain without Adrenaline	2% 1:100000	Cartridge	DHC	E
Lidocaine without Adrenaline	20mg/5ml (2%)	inj	HP1	V
1.4. Preoperative medication and sedation for short-term procedures				
Atropine sulfate	1mg/1ml	inj	SDHC	V
Midazolam	1mg/ml	inj	Spec	V
2. ANALGESICS, ANTIPYRETICS, NSAIDs, GOUT AND RHEUMATOID DISORDERS				
2.1 Non-opioids and non-steroidal anti-inflammatory medicines (NSAIDs)				
Acetylsalicylic acid	300mg	tab	HP1	E
Diclofenac Sodium	50mg	Scored tab	DHC	E
Diclofenac Sodium	25mg/ml (3ml)	Inj	DHC	E
Ibuprofen	400mg	Scored tab	HP1	E
Ibuprofen	100mg/5ml (100ml)	Syrup	HP1	E
<i>Ibuprofen syrup is not to be used in children less than 3 months</i>				
Paracetamol	500mg	tab	HP1	E
Paracetamol	100mg	supp	SDHC	V

Medicine's Name	Strength	Form	LoU	VEN
Paracetamol	250mg	supp	SDHC	E
<i>Procure Paracetamol Suppository 250mg in small amount</i>				
Paracetamol	120mg/5ml (60ml)	syrup	HP1	E
Clonidine	150mcg/ml	inj	Hosp	E
<i>Procure Clonidine Injection in small amount for use in Anaesthetic Department only in Hospitals. It is used as co-analgesic with opioids.</i>				
2.2. Opioid analgesics				
Codeine phosphate	30mg	Scored tab	DHC	E
Fentanyl citrate	50mcg/ml (2ml)	inj	Spec	E
Morphine sulfate	10mg	tab	Hosp	E
Morphine sulfate	30mg	SR tab	Hosp	E
Morphine Sulfate	10mg/5ml	oral liq	Hosp	E
Morphine Sulfate	10mg/ml	Inj	Hosp	E
Tramadol	50mg	tab/cap	DHC	E
Tramadol	50mg/ml (2ml)	inj	DHC	E
2.3. Medicines for treatment of gout				
Allopurinol	100mg	tab	DHC	E
Colchicine	500mcg	tab	Spec	E
2.4 Disease Modifying Agents used in Rheumatoid Disorders (DMARDs)				
Chloroquine	150mg	tab	HP1	E
Azathioprine	50mg	tab	Spec	N
Methotrexate sodium	2.5mg	tab	Spec	N
Methotrexate sodium	10mg	tab	Spec	N
Penicillamine	250mg	tab/cap	Spec	E
Sulfasalazine	500mg	tab	Spec	N
3. ANTIALLERGICS AND MEDICINES USED IN ANAPHYLAXIS				
Dexamethasone phosphate	4mg/ml	inj	DHC	V
Dexamethasone	4mg	Scored	DHC	E

Medicine's Name	Strength	Form	LoU	VEN
phosphate		tab		
Epinephrine (adrenaline)	1mg/ml	inj	HP1	V
Hydrocortisone sodium succinate	100mg	inj	HP1	V
Prednisolone	5mg	tab	SDHC	E
Prednisolone	20mg	tab	SDHC	E
Promethazine	5mg/5ml	oral liq.	DHC	E
Promethazine	25mg/ml (2ml)	inj	DHC	E
Promethazine	25mg	tab	DHC	E

4. ANTIDOTES

Charcoal activated	50g	Powder for susp.	HP1	V
Atropine sulfate	1mg/ml	inj	SDHC	V
Acetylcysteine	200mg/ml (10ml)	inj	DHC	V
Calcium gluconate	100mg/ml (10ml)	inj	Hosp	V
Penicillamine	250mg	tab/cap	Spec	E
Naloxone	400mcg/ml	inj	Hosp	V
Protamine sulfate	10mg/ml (5ml)	inj	Hosp	N

Procure Protamine sulfate Inj in small amount for use in hospitals.

5. ANTICONVULSANTS - ANTIEPILEPTICS

Carbamazepine	200mg	Scored tab	HP1	V
Diazepam	5mg/ml (2ml)	inj	HP1	V
Magnesium sulfate (50%)	500mg/ml (10ml)	inj	HP2	V

Magnesium Sulfate is to be used in eclampsia and severe pre-eclampsia and not for other convulsant disorders.

Phenobarbital sodium	200mg/ml (2ml)	inj	SDHC	E
Phenobarbital sodium	30mg	tab	HP1	V
Phenobarbital sodium	100mg	tab	HP1	E
Phenytoin Sodium	25mg	tab/cap	Spec-D	E

Medicine's Name	Strength	Form	LoU	VEN
Phenytoin Sodium	50mg	tab/cap	Spec-D	E
Phenytoin Sodium	100mg	tab/cap	Spec-D	E
Phenytoin Sodium	50mg/ml (5ml)	inj	Spec-D	E
Valproic acid (Sodium valproate)	200mg/5ml	oral liq.	SDHC	V
Valproic acid (sodium valproate)	200mg	enteric coated tab	SDHC	E
Levetiracetam	250mg	Scored tab	HNGV Spec	N
<i>Procure Levetiracetam in small amount for HNGV Neonatology Dept. only</i>				
6. ANTI-INFECTIVE MEDICINES				
6.1 Anthelmintics				
6.1.1 Intestinal anthelmintics				
Albendazole	400mg	chewable tab	HP1	E
Pyrantel	50mg/ml	oral liq.	HP1	N
Pyrantel	250mg	chewable tab	HP1	N
6.1.2 Antifilarials, antischistosomal anti trematode				
Diethylcarbamazine dihydrogen citrate	100mg	tab	DHC	E
6.1.3 For ectoparasites				
Ivermectin	3mg	Scored tab	DHC	N
6.2 Antibacterials				
6.2.1 Beta Lactam medicines				
Amoxicillin	500mg	Scored tab	HP1	V
Amoxicillin	125mg/5ml (100ml)	oral susp	HP1	V
Amoxicillin + clavulanic	625mg	tab	DHC	E

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Medicine's Name	Strength	Form	LoU	VEN
acid				
Amoxicillin + clavulanic acid	125mg+ 31.25mg / 5ml	oral susp	DHC	E
Ampicillin sodium	1g	inj	DHC	V
Benzathine benzylpenicillin (900mg)	1.2 million IU (5ml)	inj	HP1	V
Benzathine benzylpenicillin (1.44g)	2.4 million IU (5ml)	inj	HP1	V
Benzylpenicillin (Pen G) - 600mg	1 million IU	inj	HP1	V
Benzylpenicillin (Pen G) - 3g	5 million IU	inj	HP1	V
Cefazolin sodium	1g	inj	Hosp	V
<i>Cefazolin Sodium Injection is to be used for surgical prophylaxis (use in children above 1 month of age)</i>				
Cefixime trihydrate	400mg	cap	DHC	E
<i>Cefixime trihydrate is listed for single-dose treatment of uncomplicated ano-genital gonorrhea only</i>				
Cloxacillin	500mg	Scored tab	HP1	E
Cloxacillin	500mg	inj	HP1	V
Cloxacillin	125mg/5ml	oral susp	HP1	V
Phenoxymethylpenicillin (Pen V)	250mg	tab	HP1	E
Phenoxymethylpenicillin (Pen V)	250mg/5ml	oral liq.	HP1	E
Procaine benzylpenicillin (3g)	3 million IU	inj	HP1	E
<i>Procaine benzylpenicillin is not recommended as first-line treatment for neonatal sepsis except in settings with high neonatal mortality, when given by trained health workers in cases where hospital care is not achievable</i>				
Procaine benzylpenicillin (1g)	1 million IU	inj	HP1	E

Medicine's Name	Strength	Form	LoU	VEN
Cefotaxime	250mg	inj	Spec	E
<i>Cefotaxime is the third generation cephalosporin of choice for use in hospitalized neonates</i>				
Cefuroxime axetil	250mg	tab	Spec	E
Cefuroxime	750mg	inj	Spec	V
Cefuroxime	125mg/5ml	oral susp	Spec	V
Ceftriaxone	1g	inj	Spec	V
<i>Do not administer Ceftriaxone with calcium and avoid in infants with hyperbilirubinemia (Use > 41 weeks corrected gestational age)</i>				
Meropenem	1g	inj	Spec	E
<i>Meropenem is only listed for the treatment of life-threatening hospital based infection due to suspected or proven multidrug-resistant infection. It is indicated for the treatment of meningitis and is licensed for use in children over the age of 3 months.</i>				
6.2.2 Other antibacterials				
Azithromycin	500mg	Scored Tab	DHC	E
Chloramphenicol	250mg	tab	HP1	E
Chloramphenicol sodium succinate oily suspension	0.5g/ml (2ml)	inj	HP1	N
<i>Chloramphenicol Sodium Succinate oily suspension for injection (0.5g/ml) is only for the presumptive treatment of epidemic meningitis in children older than 2 years</i>				
Chloramphenicol sodium succinate	1g	inj	HP1	V
Chloramphenicol palmitate	150mg/5ml	oral liq.	HP1	V
<i>Chloramphenicol palmitate 150mg/5ml is equivalent to chloramphenicol base 125mg/5ml</i>				
Clarithromycin	500mg	cap/tab	Hosp	N
<i>Clarithromycin is used in combination regimens (with Omeprazole and Amoxycillin) for eradication of H.Pylori in adults</i>				

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Medicine's Name	Strength	Form	LoU	VEN
Ciprofloxacin	500mg	Scored tab	DHC	E
Clindamycin phosphate	150mg	cap	Spec	N
Clindamycin phosphate	150mg/ml (2ml)	inj	Spec	N
Cotrimoxazol (sulfamethoxazole + trimethoprim)	400mg + 80mg	tab	HP1	E
Cotrimoxazol (sulfamethoxazole + trimethoprim)	200mg+40mg/5ml	oral susp	HP1	V
Doxycycline	100mg	tab	HP1	E
<i>Doxycycline is used in children < 8 years and <u>only for life-threatening infections when no alternative exists</u></i>				
Erythromycin	250mg	tab/cap	HP1	E
Erythromycin	125mg/ 5ml	oral susp	HP1	V
Gentamicin sulfate	40mg/ml (2ml)	inj	SDHC	V
<i>Procure Gentamicin Sulfate in 40mg/ml (2ml ampoule) as it can be used for paediatric and adult</i>				
Vancomycin	500mg	inj	Spec	E
Metronidazole	500mg	vag pessary	Hosp	N
Metronidazole	200mg/5ml	oral liq.	HP1	E
Metronidazole	500mg	Scored tab	HP1	E
Metronidazole	5mg/ml (100ml)	inj	Hosp	V
Nalidixic acid	500mg	Scored tab	DHC	E
Fusidic Acid	500mg	tab	HNGV Spec	N
<i>Fusidic Acid is to be used by HNGV Orthopaedic Department only</i>				

Medicine's Name	Strength	Form	LoU	VEN
6.2.3 Antileprosy medicines				
Rifampicin + Dapsone	300mg+100mg	tab/cap	SDHC	E
Rifampicin + Clofazimine + Dapsone	300mg+100mg+100mg	tab/cap	SDHC	E
Rifampicin + Dapsone	300mg+50mg	tab/cap	SDHC	E
Rifampicin + Clofazimine + Dapsone	300mg+100mg+100mg	tab/cap	SDHC	E
6.2.4. Antituberculosis Medicines				
Rifampicin + Isoniazid + Pyrazinamide + Ethambutol	150mg+75mg+400mg+275mg	tab	SDHC	E
Rifampicin + Isoniazid	150mg + 75mg	tab	SDHC	E
Rifampicin + Isoniazid	60mg + 60mg	tab	SDHC	E
Ethambutol	400mg	tab	SDHC	E
Ethambutol	100mg	Dispersible tab	SDHC	E
Streptomycin	1gr	inj	SDHC	E
Pyrazinamid	400mg	tab	SDHC	E
Isoniazid	100mg	tab	SDHC	E
6.3 Antifungal medicines				
Clotrimazole	500mg	vag pessary	HP1	E
Clotrimazole	0.01 (1%)	vag cream	HP1	N
Fluconazole	150mg	tab/cap	Hosp	N
Fluconazole	2mg/ml	inj	Spec	N
Griseofulvin	250mg	Scored tablet	HP1	E
Miconazole nitrate	2% (20g)	Oint / cream	HP1	E
Nystatin	100 000 IU	vag pessary	HP1	N

Medicine's Name	Strength	Form	LoU	VEN
Nystatin	100,000 unit/g	cream	HP1	N
Nystatin	500 000 IU	tab	HP1	N
Nystatin	100,000 Unit /ml (60ml)	oral susp	HP1	E
6.4 Antivirals				
6.4.1 Antiherpes medicines				
Acyclovir	200mg	tab	SDHC	N
Acyclovir	250mg	inj	DHC	E
6.4.2 Antiretrovirals				
6.4.2.1 Nucleoside reverse transcriptase inhibitors				
Abacavir sulfate	300mg	tab	Hosp	E
Abacavir sulfate	60mg	tab	Hosp	E
Abacavir sulfate	100mg/5ml	oral soln	Hosp	E
Lamivudine (3TC)	150mg	tab	Hosp	E
Lamivudine (3TC)	50mg/5ml	oral soln	Hosp	E
Tenofovir (TDF)	300mg	cap	Hosp	E
Zidovudine (ZDV or AZT)	10mg/5ml	oral soln	Hosp	E
Zidovudine (ZDV or AZT)	50mg/5ml	oral soln	Hosp	E
6.4.2.2 Non-nucleoside reverse transcriptase inhibitor.				
Efavirenz (EFV)	50mg	cap	Hosp	E
Efavirenz (EFV)	200mg	cap	Hosp	E
Efavirenz (EFV)	600mg	cap	Hosp	E
Nevirapine(NVP)	200mg	tab	Hosp	E
Nevirapine(NVP)	50mg/5ml	oral susp	Hosp	E
6.4.2.3 Protease inhibitors				
Lopinavir + ritonavir	200mg + 50mg	cap	Hosp	E
lopinavir + ritonavir	80mg+20mg/ml	oral liq.	Hosp	E
6.4.2.4 Fixed Dose Combinations				
Abacavir + Lamivudine	60mg + 30mg	Oral liq	Hosp	E
Zidovudine +	300mg + 150mg +	tab	Hosp	E

Medicine's Name	Strength	Form	LoU	VEN
Lamivudine + Nevirapine	200mg			
Efavirenz + Lamivudine + Tenofovir	600mg + 300mg + 300mg	tab	Hosp	E
Lamivudine + Tenofovir	300mg + 300mg	tab	Hosp	E
Zidovudine + Lamivudine	300mg + 150mg	tab	Hosp	E
Efavirenz + Lamivudine + Tenofovir	600mg + 200mg + 300mg.	tab	Hosp	E
Lamivudine + Tenofovir	200mg + 300mg.	tab	Hosp	E
6.5 Antiprotozoal medicines				
6.5.1 Antiamoebic and anti giardiasis medicines				
Diloxanide furoate	500mg	tab	SDHC	E
<i>Diloxanide Furoate is used in patients with > 25kg</i>				
Metronidazole	5mg/ml (100ml)	inj	Hosp	V
Metronidazole	200mg/5ml	oral liq.	HP1	E
Metronidazole	500mg	Scored tab	HP1	E
6.5.2 Antimalarial medicines				
Artemether + Lumefantrine (5 - 15 kg)	20mg+ 120mg	tab	HP1	V
Artemether + Lumefantrine (15 - 25 kg)	20mg+ 120mg	tab	HP1	V
Artemether + Lumefantrine (25 - 35 kg)	20mg+ 120mg	tab	HP1	V
Artemether + Lumefantrine (>35 kg)	20mg+ 120mg	tab	HP1	V
Artesunate + separate	60mg+5%	inj	Hosp	E

Medicine's Name	Strength	Form	LoU	VEN
sodium bicarbonate				
Artesunate	50mg	tab	Hosp	E
Artesunate	100mg	tab	Hosp	E
Artesunate	400mg	supp	Hosp	E
Chloroquine	50mg /5ml	oral liq.	HP1	E
Chloroquine	150mg	tab	HP1	E
Doxycycline	100mg	tab	HP1	E
Artemether	80mg/ml	inj	HP1	E
Artemether	40mg/ml	inj	HP1	E
Primaquine diphosphate	15mg	tab	HP1	E
Quinine hydrochloride	150mg/ml (2ml)	inj	DHC	E
Quinine hydrochloride	300mg/ml (2ml)	inj	DHC	E
Quinine sulfate	300mg	tab	DHC	E
7. ANTIMIGRAINE MEDICINES				
7.1 For treatment of acute attack				
Acetylsalicylic acid	300mg	tab	HP1	E
Ergotamine tartrate + caffeine	1mg + 100mg	tab	SDHC	N
Sumatriptan	50mg	tab	Hosp	N
Paracetamol	500mg	tab	HP1	E
7.2 For prophylaxis				
Propranolol hydrochloride	40mg	scored tab	SDHC	V
8. ANTINEOPLASTIC, IMMUNOSUPPRESSIVE AND PALLIATIVE CARE				
Special arrangements until the establishment of Oncology Department				
8.1 Immunosuppressive medicines				
8.2.1. Cytotoxic medicines and antihormones.				
Calcium folinate	15mg	tab	Spec	N

Medicine's Name	Strength	Form	LoU	VEN
(folinic acid)				
Methotrexate	50mg	inj	Spec	N
Methotrexate	2.5mg	tab	Spec	N
Methotrexate	10mg	tab	Spec	N

8.2.1. Hormones and antihormones in antineoplastic care

Special arrangements until the establishment of Oncology Department

9. ANTIPARKINSONISM MEDICINES

Benztropine mesylate	2mg	tab	SDHC	E
Benztropine	1mg/ml (2ml)	inj	SDHC	E
Levodopa+Carbidopa	100mg + 10mg	tab	DHC	E

10. MEDICINES AFFECTING THE BLOOD

10.1 Antianaemia medicines

Ferrous sulfate	25mg iron/ml	oral liq.	HP1	E
Ferrous sulfate	200mg (= 60mg iron)	tab	HP1	E
Ferrous sulfate + Folic Acid	200mg + 400mcg	tab	HP1	E
Vitamin B12, hydroxocobalamin	1mg/ml	inj	SDHC	N
Erythropoietin alpha	4000 IU (0.4ml)	inj	HNGV Spec	E

10.2. Medicines affecting coagulation

Unfractionated Heparin	5000 IU/ml	inj	Hosp	E
Tranexamic acid	50mg/ml (5ml)	inj	DHC	E
Vitamin K1 (Phytomenadione)	1mg/ml	inj	HP1	E
Vitamin K1 (Phytomenadione)	10mg/ml (5ml)	inj	HP1	E
Vitamin K1 (Phytomenadione)	10mg	tab	HP1	E

Medicine's Name	Strength	Form	LoU	VEN
Warfarin	2mg	tab	Spec	E
11. BLOOD PRODUCTS AND PLASMA SUBSTITUTES				
Dextran 40	6% (500ml)	inj	DHC	V
Human normal immunoglobulin	10% (IV admin)	inj	HNGV Spec	N
<i>Human <u>normal</u> immunoglobulin is indicated for primary immune deficiency and Kawasaki disease</i>				
Human Albumin	20%	inj	HNGV Spec	N
12. CARDIOVASCULAR MEDICINES				
12.1 Antianginal medicines				
Acetylsalicylic acid	100mg	tab	HP1	V
Bisoprolol	5mg	tab	DHC	E
Glyceryl trinitrate	300mcg	sub. tab	Hosp	V
Glyceryl trinitrate	600mcg/2ml	inj	Hosp	V
Isosorbide dinitrate	5mg	sub. tab	DHC	V
Verapamil	80mg	tab	Hosp	E
12.2 Antiarrhythmic medicines				
Amiodarone	200mg	tab	Spec	E
Amiodarone	150mg/3ml	inj	Spec	V
Bisoprolol	5mg	tab	DHC	E
Digoxin	250mcg	tab	Hosp	E
Digoxin	50mcg/ml	oral soln	Hosp	N
Digoxin	250mcg/ml (2ml)	inj	Hosp	V
Epinephrine (Adrenaline)	1mg/ml	inj	HP1	V
Lidocaine without Adrenaline	20mg/5ml (2%)	inj	HP1	V
Verapamil	2.5mg/ml	inj	Hosp	E
Verapamil	80mg	tab	Hosp	E
Adenosine	3mg/ml	inj	Spec	V

Medicine's Name	Strength	Form	LoU	VEN
12.3 Antihypertensive medicines				
Amlodipine	10mg	tab	Hosp	E
Bisoprolol	5mg	tab	DHC	E
Captopril	50mg	Scored tab	DHC	E
Hydralazine	25mg	tab	HP1	E
<i>Hydralazine is listed for use in the acute management of severe pregnancy-induced hypertension only</i>				
Hydralazine	20mg/ml	inj	DHC	V
Hydrochlorothiazide	25mg	scored tab	HP1	E
Methyldopa	250mg	tab	HP2	E
Sodium nitroprusside	50mg	inj	Hosp	V
<i>Sodium Nitroprusside injection requires invasive monitoring and protection from light. The Infusion solution also need to be protected from light (e.g covered with aluminium foils)</i>				
12.4 Medicines used in heart failure				
Bisoprolol	5mg	tab	DHC	E
Digoxin	250mcg	tab	Hosp	E
Digoxin	50mcg/ml	oral liq.	Hosp	N
Digoxin	250mcg/ml (2ml)	inj	Hosp	V
Captopril	50mg	scored tab	DHC	E
Furosemide	40mg	scored tab	SDHC	E
Furosemide	10mg/ml (2ml)	inj	SDHC	E
Hydrochlorothiazide	25mg	scored tab	HP1	E
Spironolactone	25mg	tab	Hosp	E
Dopamine hydrochloride	40mg/ml (5ml)	inj	Hosp	V
Dobutamine	12.5 mg/ml (20ml)	inj	Hosp	V

Medicine's Name	Strength	Form	LoU	VEN
12.5 Antithrombotic and fibrinolytic medicines				
Acetylsalicylic acid	100mg	tab	HP1	V
Clopidogrel	75mg	tab	Spec	V
Streptokinase	1.5 million IU	inj	Spec	V
12.6 Lipid-lowering agents				
Simvastatin	20 mg	scored tab	Hosp	E
13. DERMATOLOGICAL MEDICINES (topical)				
Lubricating jelly	82g	cream/oint nt	SDHC	E
13.1 Antifungal medicines				
Benzoic acid + salicylic acid	6% + 3% (50g)	Cream / oint	HP1	N
Miconazole nitrate	2% (20g)	Oint / cream	HP1	E
Sodium thiosulfate	15%	soln	HP1	N
Selenium sulfide	2%	susp	HP1	N
13.2 Anti-infective medicines				
Methylrosanilinium chloride (gentian violet)	0.5% (25g)	aq. soln	HP1	N
Neomycin sulfate + bacitracin	5mg + 250 IU /g.	oint	HP1	N
Potassium permanganate	1:10 000.	aq. soln	HP1	N
Silver sulfadiazine	1% (500g)	cream	HP1	E
13.3 Anti-inflammatory and antipruritic medicines				
Betamethasone valerate	0.1% (50g)	Cream / oint	HP1	N
Calamine		lotion	HP1	N
Hydrocortisone	1%	Cream / oint	HP1	N

Medicine's Name	Strength	Form	LoU	VEN
<i>Hydrocortisone preferred in neonates</i>				
13.4 Medicines affecting skin differentiation and proliferation				
Benzoyl peroxide	2.5%	lotion	DHC	N
Coal tar	5%	soln	Hosp	N
Fluorouracil	5%	oint	Hosp	N
Podophyllin paint (Podophyllotoxin)	15% (5ml)	soln. paint	Hosp	N
Salicylic acid	1%	soln	SDHC	N
13.5 Scabicides and pediculicides				
Benzyl benzoate	25%	lotion	HP1	N
<i>Benzyl benzoate Lotion: For use > 2 years</i>				
Permethrin	5%	cream	HP1	N
Permethrin	1%	lotion	HP1	N
14. DIAGNOSTIC AGENTS				
14.1 Ophthalmic medicines				
Fluorescein	100 strip	strip	DHC	E
Tropicamide	1%	eye drop	Spec	E
14.2 Radiocontrast media				
Datrizoate Meglumine & Diatrizoate Sodium	76%	inj	HNGV Spec	V
<i>Procure Datrizoate Meglumine & Diatrizoate Sodium in small quantity</i>				
Meglumine Amidotrizoate 66g	370mg iodine/ml	inj	HNGV Spec	E
<i>Procure Meglumine Amidotrizoate 66g in small quantity</i>				
Barium sulfate Aqueous suspension [Powder for 25 kg, preparation of suspension, for oral intake as x-ray contrast, and for preparation of enema]		inj	HNGV Spec	E
Iopramide	370mg iodine /ml		HNGV Spec	E
Ultrasound examination gel	500ml bottle		Hosp	E

Medicine's Name	Strength	Form	LoU	VEN
15. DISINFECTANTS AND ANTISEPTICS				
15.1 Antiseptics				
Chlorhexidine gluconate	5%	soln	HP1	E
Ethanol	70% (1L)	soln	HP1	E
Polyvidone iodine	10% (1L)	soln	HP1	E
<i>Polyvidone iodine 10% is equivalent to 1% available iodine</i>				
Povidone iodine	7.50%	soln	Hosp	E
15.2 Disinfectants				
Chlorine hypochlorite	5% (1L)	soln	HP1	E
Chlorine sodium dichloroisocyanurate	1.67g (1L)	soln	DHC	E
Glycerine BP	80%	soln	DHC	E
Isopropanol Surgical alcohol	70%	soln	DHC	E
Glutaral	2%	soln	HNGV Spec	E
<i>Glutaral is listed only as disinfectant for endoscopy. Procure in small amount for HNGV Spec only</i>				
16. DIURETICS				
Furosemide	40mg	scored tab	SDHC	E
Furosemide	10mg/ml (2ml)	inj	SDHC	E
Hydrochlorothiazide	25mg	scored tab	HP1	E
Mannitol	20%	soln	Hosp	V
Spironolactone	25mg	tab	Hosp	E
17. GASTROINTESTINAL MEDICINES				
17.1 Antacids and antiulcer medicines				
Aluminium hydroxide	500mg	tab	HP1	N
Ranitidine	25mg/ml (2ml)	inj	Hosp	E

Medicine's Name	Strength	Form	LoU	VEN
Ranitidine hydrochloride	150mg	tab	HP1	E
Omeprazole	20 mg	cap	DHC	E
17.2 Antiemetic medicines				
Metoclopramide	5mg/ml	inj	DHC	E
<i>Metoclopramide is not to be used in neonates (< 28 days)</i>				
Metoclopramide	10mg	tab	DHC	E
Promethazine	5mg/5ml	oral liq.	DHC	E
<i>Promethazine hydrochloride is not to be used in children < 2 years</i>				
Promethazine	25mg/ml (2ml)	inj	DHC	E
Promethazine	25mg	tab	DHC	E
17.3 Antihaemorrhoidal medicines				
Crème containing local anesthetic, anti-inflammatory and astringents	2%	Cream / oint	DHC	N
17.4 Anti-inflammatory medicines				
Sulfasalazine	500mg	supp	Spec	N
Sulfasalazine	500mg	tab	Spec	N
17.5 Antispasmodic medicines				
Hyoscine butylbromide	20mg/ml	inj	DHC	E
Hyoscine butylbromide	10mg	tab	DHC	E
17.6 Laxatives				
Bisacodyl	5mg	tab	Hosp	N
Lactulose	10mg/15ml (50ml)	syrup	Hosp	N
17.7 Medicines used in diarrhoea				
ORS (Oral rehydration salt) powder for 1L, 27,9 g salts		Sachets	HP1	V
Zinc sulfate Dispersable (10mg elemental zinc)	20mg	tab	HP1	V

Medicine's Name	Strength	Form	LoU	VEN
18. HORMONES, OTHER ENDOCRINE MEDICINES AND CONTRACEPTIVES				
18.1 Adrenal hormones and synthetic substitutes				
Addison's disease is rare; adrenal hormones are included elsewhere in this EML				
18.2 Contraceptives				
18.2.1 Oral hormonal contraceptives				
Ethinylestradiol + levonorgestrel	30mcg+150mcg	pill	HP1	E
Levonorgestrel	30mcg	pill	HP1	E
18.2.2. Injectable hormonal contraceptives				
Medroxyprogesterone acetate	150mg/ml	inj	HP1	E
18.2.3 Intrauterine devices and implantable contraceptives				
I.U.D. Copper containing device		kit	HP1	E
Levonorgestrel-releasing implant	75mg (2 rods)	kit	HP1	E
18.3.3. Barrier methods				
Condoms		each	HP1	N
18.3 Estrogens				
Estriol	0.10 %	vag cream	DHC	N
18.4. Progestogens				
Norethisterone	5mg	pill	SDHC	E
Medroxyprogesterone	10mg	pill	SDHC	E
18.5 Ovulation inducers				
Clomifene	50mg	tab	Spec	N
18.6 Insulins and other antidiabetic agents				
Glibenclamide	5mg	tab	SDHC	E
Human Insulin	100 IU/ml (10ml)	inj	SDHC	V

Medicine's Name	Strength	Form	LoU	VEN
(soluble)				
Human Insulin (compound insulin zinc suspension or isophane insulin)	100 IU/ml (10ml)	inj	SDHC	V
Metformin	500mg	tab	DHC	E
18.7 Thyroid hormones and antithyroid medicines				
Levothyroxine sodium	100mcg	tab	Hosp	E
Potassium iodide	60mg	tab	DHC	E
Propylthiouracil	50mg	tab	Hosp	E
19. IMMUNOLOGICALS				
19.1 Diagnostic agents				
Tuberculin, purified protein derivative (PPD) SC inj.		inj	DHC	N
19.2 Sera and immunoglobulins				
Antivenom immunoglobulin		inj	Hosp	V
Diphtheria antitoxin	10 000 IU	inj	SDHC	E
Diphtheria antitoxin	20 000 IU	inj	SDHC	E
Rabies immunoglobulin	150 IU/ml	inj	Hosp	E
Yellow Fever vaccine		inj	HNGV Spec	N
<i>Procure Yellow Fever Vaccine in small amount for HNGV only</i>				
Pegylated Interferon alpha 2a	135mcg/ 0.5ml	inj	HNGV Spec	N
Pegylated Interferon alpha 2b	80mcg/ 0.5ml	inj	HNGV Spec	N
<i>Procure Pegylated Interferon alpha 2b in small amount for HNGV only</i>				
19.3 Immunization				
EPI- BCG Vaccine + diluent		20 dose amp	HP1	V

Medicine's Name	Strength	Form	LoU	VEN
EPI - DPT+ Hepatitis B + Hib Vaccine adsorbed + diluent		10 dose amp	HP1	V
EPI - Measles Vaccine + diluent		10 dose amp	HP1	V
EPI - BOPV Vaccine		10 dose amp	HP1	V
EPI-IPV Vaccine		10 dose amp	HP1	V
EPI-TOPV Vaccine		10 dose amp	HP1	V
EPI-DT Vaccine		10 dose amp	HP1	V
EPI-DPT Vaccine		10 dose amp	HP1	V
EPI - TT Tetanus toxoid Vaccine-adsorbed		10 dose amp	HP1	V
Measles Rubella Vaccine + diluent		10 dose amp	HP1	V
Vaccine Hepatitis B Adult		1 dose	Hosp	V

20. OPHTHALMOLOGICAL PREPARATIONS

20.1. Eye lubricants

Hydroxypropyl methylcellulose	2 %	soln	Hosp	N
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20.2 Anti-infective agents

Acyclovir	3% (4.5g)	eye oint	DHC	V
Chloramphenicol	1% (5g)	eye/ear oint	DHC	V
Chloramphenicol	0.5% (10ml)	eye drop	DHC	V
Tetracycline	1% (5g)	eye oint	SDHC	V
Tobramycin + dexamethasone	0.3% + 0.1% (5ml)	eye drop	Hosp	E

Medicine's Name	Strength	Form	LoU	VEN
Ciprofloxacin	0.3%	eye drop	Hosp	E
Fluoromethanol + Neomycin	1%	eye drop	HNGV Spec	E
Natamycine	5% (5ml)	eye susp	HNGV Spec	E
20.3 Anti-inflammatory agents				
Prednisolone Na phosphate	1% (5ml)	eye drop	DHC	E
Dexamethasone	1% (5ml)	eye drop	Hosp	E
20.4 Local anaesthetics				
Tetracaine hydrochloride	0.5% (10ml)	eye drop	DHC	V
<i>Tetracaine hydrochloride is not to be used in preterm neonates</i>				
20.5 Miotics and antiglaucoma medicines				
Acetazolamide	250mg	tab	SDHC	E
Pilocarpine HCL/Nitrate	2% (5ml)	eye drop	SDHC	E
Timolol maleate	0.5% (5ml)	eye drop	SDHC	V
20.6 Mydriatics				
Atropine sulfate	1% (3ml)	eye drop	SDHC	E
<i>Atropine sulfate 1% is not to be used in children less than 3 months</i>				
Tropicamide	1%	eye drop	Spec	E
20.7 Anti-allergy				
Naphazoline HCl	0.01% (5ml)	eye drop	HP1	E
21. EAR, NOSE AND THROAT PREPARATIONS				
Xylometazoline (adult)	0.1% (10ml)	nasal drop	SDHC	N
Xylometazoline (Paeds)	0.05% (10ml)	nasal drop	SDHC	N
<i>Xylometazoline 0.05%, 10ml, pediatric nasal drops is not to be used in children less than 3 months</i>				
Phenylephrine	0.1%	nasal	SDHC	E

Medicine's Name	Strength	Form	LoU	VEN
		drop		
Boric acid Spirit	2%	ear soln	SDHC	N
Chlorhexidine	0.1%	cream	Hosp	E
Polymyxin + Bacitracin	5000+400 Units	oint	SDHC	
Neomycin	5%	powder	DHC	E
Gentamicin sulfate	0.3% (5ml)	eye/ear drop	SDHC	E
Sodium bicarbonate with glycerine	5%	ear drop	DHC	E
Sodium bicarbonate with glycerine	10%	ear drop	DHC	E
Bismuth subnitrate and iodoform	30g	paste	Hosp	N
22. OXYTOCICS AND ANTIOXYTOCICS				
22.1 Oxytocics				
Ergometrine hydrogen maleate	200mcg/ml	inj	HP1	V
Oxytocin	10 IU/ml	inj	HP1	V
Misoprostol	200mcg	Vag. scored tab	Hosp	V
22.2 Antioxytocics (tocolytics)				
Nifedipine	10mg	Immediate release cap	Hosp	V
23. PERITONEAL DIALYSIS SOLUTION				
Intraperitoneal dialysis		Soln	HNGV Spec	E
24. PSYCHOTHERAPEUTIC MEDICINES				
24.1 Medicines used in psychotic disorders				
Chlorpromazine	25mg	tab	SDHC	E

Medicine's Name	Strength	Form	LoU	VEN
Chlorpromazine	100mg	tab	SDHC	E
Chlorpromazine	25mg/ml	inj	SDHC	E
Haloperidol	5mg	Scored tab	SDHC	V
Haloperidol	5mg/ml	inj	SDHC	V
Flufenazine decanoate or enantate	25mg/ml	inj	Hosp	E

24.2 Medicines used in mood disorders

24.2.1 Medicines used in depressive disorders

Amitriptyline	25mg	tab	SDHC	E
Fluoxetine	20mg	tab	Spec	N
<i>Fluoxetine: for use > 8 years</i>				

24.2.2 Medicines used in bipolar disorders

Carbamazepine	200mg	Scored tab	HP1	V
Valproic acid (sodium valproate)	200mg	Enteric coated tab	SDHC	E

24.2.3 Medicines used in generalized anxiety and sleep disorders

Diazepam (scored)	5mg	tab	SDHC	E
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24.2.4 Medicines used for obsessive compulsive disorders and panic attacks

Clomipramine hydrochloride	25mg	cap	DHC	E
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25. MEDICINES ACTING ON THE RESPIRATORY TRACT

25.1 Antiasthmatic and for chronic obstructive pulmonary disease

Beclometasone	50mcg/dose	MDI	HP1	V
Epinephrine (adrenaline)	1mg/ml	inj	HP1	V
Ipratropium bromide	20mcg/dose	MDI	Hosp	E
Salbutamol sulfate Inhalation (aerosol)	100mcg/dose	MDI	HP1	V

Medicine's Name	Strength	Form	LoU	VEN
Salbutamol sulfate	50mcg/ml (5ml)	inj	HP1	V
Salbutamol	2mg/5ml	oral liq.	HP1	V
Salbutamol sulfate	5mg/ml	Soln for nebulizer	DHC	V
Salbutamol	4mg	Scored tab	HP1	E
Theophylline	200mg	SR tab	Spec-D	E
Aminophylline	25mg/ml (10ml)	inj	Spec-D	V
25.2 Antitussive preparations				
Bromhexine	4mg/5ml (60ml)	syrup	HP1	N
26. WATER, ELECTROLYTE AND ACID-BASE BALANCE and PARENTERAL NUTRITION				
26.1 Oral				
ORS (Oral rehydration salt) powder for 1L, 27.9 g salts		sachet	HP	V
Potassium chloride	600mg	SR tab	SDHC	E
26.2 Parenteral				
Calcium Chloride	100mg/ml	inj	Hosp	E
Glucose (dextrose)	5%	Inj. soln	HP1	V
Glucose (dextrose)	10%	Inj. soln	HP1	E
Glucose (dextrose)	40% (25ml)	Inj. soln	Hosp	N
Glucose 4% with sodium chloride 0.18% (equivalent to Na+ 30 mmol/l, Cl- 30 mmol/l).	500ml (1L)	Inj. soln	SDHC	V
Potassium chloride (equivalent to K+ 1.5 mmol/ml, Cl- 1.5 mmol/ml)	11.2% (20ml)	inj	SDHC	V
Sodium bicarbonate	1.4% (20ml)	inj	SDHC	V

Medicine's Name	Strength	Form	LoU	VEN
(equivalent to Na+ 167 mmol/l, HCO ₃ - 167 mmol/l).				
Sodium bicarbonate (equivalent to Na+ 1000 mmol/l, HCO ₃ - 1000 mmol/l).	8.4% (10ml)	inj	SDHC	V
Sodium chloride	0.9% (1L)	inj	HP1	V
Sodium lactate (Ringer Lactate)	500ml (1L)	inj	HP1	V
26.3 Miscellaneous				
Water for injection	2, 5 & 10ml	inj	HP1	V
27. VITAMINS AND MINERALS				
Calcium carbonate	500mg	tab	DHC	N
Ferrous sulfate	200mg (= 60mg iron)	tab	HP1	E
Ferrous sulfate + Folic Acid	200mg + 400mcg	tab	HP1	E
Ferrous sulfate	25mg/ml	Oral liq	HP1	E
Folic acid	1mg	tab	HP1	E
Folic acid	5mg	tab	HP1	E
Iodine	200mg	cap	DHC	N
Multivitamin		tab	HP1	N
Multivitamin		Syrup	HP1	E
Nicotinamide	50mg	tab	SDHC	N
Sodium fluoride in any available formulation to prepare solution			HP	N
Vitamin A retinol palmitate	50 000 IU	cap	HP1	E
Vitamin A retinol palmitate	200 000 IU	cap	HP1	E
Vitamin B ₁ ; thiamine	50mg	tab	DHC	E
Vitamin B ₁₂ ,	1mg/ml	inj	SDHC	N

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Medicine's Name	Strength	Form	LoU	VEN
hydroxocobalamin				
Vitamin B ₆ ; pyridoxine	50mg	tab	DHC	E
Vitamin C: Ascorbic acid	50mg	tab	HP1	N
Vitamin K ₁ (Phytomenadione)	1mg/ml	inj	HP1	E
Vitamin K ₁ (Phytomenadione)	10mg/ml (5ml)	inj	HP1	E
Vitamin K ₁ (Phytomenadione)	10mg	tab	HP1	E
28. SPECIFIC MEDICINES FOR NEONATAL CARE				
28.1 Medicines administered to the neonate				
Caffeine citrate	20mg/ml	inj	Spec	E
Caffeine citrate	20mg/ml	oral liq	Spec	N
28.2 Medicines administered to the mother				
Dexamethasone phosphate	4mg/ml	inj	DHC	V

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- Allopurinol, 9
- Aluminium hydroxide, 24
- Aminophylline, 32
- Amiodarone, 20
- Amitriptyline, 31
- Amlodipine, 21
- Amoxicillin, 11
- Amoxicillin + clavulanic acid, 11
- Ampicillin, 12
- Antiaemorrhoidal cream, 25
- Antivenom, 27
- Artemether, 18
- Artemether + Lumefantrine, 17
- Artesunate, 18
- Ascorbic acid. *See* Vitamin C
- Atracurium, 7
- Atropine
 - Antidotes, 10
 - Eye drop, 29
 - Preoperative medication, 8
- Azathioprine, 9
- Azithromycin, 13
- AZT. *See* Zidovudine
- Barium sulfate, 23
- BCG Vaccine, 27
- Beclometasone, 31
- Benzathine benzylpenicillin, 12
- Benzoic acid + salicylic acid, 22
- Benzoyl peroxide, 23
- Benztropine, 19
- Benzyl benzoate, 23
- Benzylpenicillin, 12
- Betamethasone, 22
- Bisacodyl, 25
- Bismuth subnitrate and iodoform, 30
- Bisoprolol
 - Antianginal, 20
 - Antiarrhythmic, 20
 - Antihypertensive, 21
 - Heart failure, 21
- BOPV Vaccine, 28
- Boric acid Spirit, 30
- Bupivacaine, 7

- Caffeine citrate, 34
- Calamine, 22
- Calcium carbonate, 33
- Calcium Chloride, 32
- Calcium folinate, 18
- Calcium gluconate, 10
- Captopril
 - Antihypertensive, 21
 - Heart failure, 21
- Carbamazepine
 - Anticonvulsants, 10
 - Bipolar disorders, 31
- Cefazolin, 12
- Cefixime, 12
- Cefotaxime, 13
- Ceftriaxone, 13
- Cefuroxime, 13
- Charcoal, 10
- Chloramphenicol
 - Antibacterials, 13
 - Eye/ear, 28
- Chlorhexidine
 - Antiseptics, 24
 - Nasal, 30
- Chlorine, 24
- Chloroquine
 - Antimalarial, 18
 - DMARDS, 9
- Chlorpromazine, 30
- Ciprofloxacin
 - Antibacterials, 14
 - Eye drop, 29
- Clarithromycin, 13
- Clindamycin, 14
- Clomifene, 26
- Clomipramine, 31
- Clonidine, 9
- Clopidogrel, 22
- Clotrimazole, 15
- Cloxacillin, 12
- Coal tar, 23
- Codeine, 9
- Colchicine, 9
- Condoms, 26
- Cotrimoxazol, 14
- Datrizoate Meglumine, 23
- Dexamethasone
 - Antiallergics, 9
 - Eye drop, 29
 - Neonatal care, 34
- Dextran
 - Plasma Substitutes, 20
- dextrose. *See* Glucose
- Diatrizoate Sodium, 23
- Diazepam
 - Anxiety, 31
 - Preoperative medication, 8
- Diclofenac, 8
- Diethylcarbamazine, 11
- Digoxin, 20, 21
- Diloxanide, 17
- Diphtheria antitoxin, 27
- Dobutamine, 21
- Dopamine, 21
- Doxycycline
 - Antibacterial, 14
 - Antimalarial, 18
- DPT Vaccine, 28
- DPT+ Hepatitis B + Hib, 28
- DT Vaccine, 28
- Efavirenz, 16

- Efavirenz + Lamivudine + Tenofovir, 17
- EFV. *See* Efavirenz
- Ephedrine, 8
- Epinephrine
 - Antiallergics, 10
 - Antiarrhythmic, 20
 - Antiasthmatic, 31
- Ergometrine, 30
- Ergotamine tartrate + caffeine, 18
- Erythromycin, 14
- Erythropoietin, 19
- Estriol, 26
- Ethambutol, 15
- Ethanol, 24
- Ethinylestradiol + levonorgestrel, 26
- Ferrous sulfate
 - Antianaemia, 19
 - Vitamins and Minerals, 33
- Ferrous sulfate + Folic Acid
 - Antianaemia, 19
 - Vitamins and Minerals, 33
- Fluconazole, 15
- Flufenazine, 31
- Fluorescein, 23
- Fluoromethanol + Neomycin
 - Eye drop, 29
- Fluorouracil, 23
- Fluoxetine, 31
- Folic acid
 - Vitamins and Minerals, 33
- Folinic acid. *See* Calcium folinate
- Furosemide
 - Diuretics, 24
 - Heart failure, 21
- Fusidic Acid, 14
- Gentamicin, 14
- Gentian violet. *See* Methylrosanilinium chloride
- Glibenclamide, 26
- Glucose, 32
- Glutaral, 24
- Glycerine, 24
- Glyceryl trinitrate, 20
- Griseofulvin, 15
- Haloperidol, 31
- Halothane, 7
- Hepatitis B Vaccine, 28
- Human Albumin, 20
- Human Insulin, 26
- Human normal immunoglobulin, 20
- Hydralazine, 21
- Hydrochlorothiazide
 - Antihypertensive, 21
 - Diuretics, 24
 - Heart failure, 21
- Hydrocortisone
 - Antiallergics, 10
 - Topical, 22
- Hydroxypropyl methylcellulose, 28
- Hyoscine butylbromide, 25
- I.U.D., 26
- Ibuprofen, 8
- Insulin. *See* Human Insulin
- Intraperitoneal dialysis, 30
- Iodine, 33

Iopramide, 23	Metoclopramide, 25
Ipratropium, 31	Metronidazole
IPV Vaccine, 28	Antiamoebic, 17
Isoniazid, 15	Antibacterial, 14
Isopropanol, 24	Miconazole, 15, 22
Isosorbide dinitrate, 20	Misoprostol, 30
Ivermectin, 11	Morphine, 9
Ketamine, 7	Multivitamin, 33
Lactulose, 25	Nalidixic acid, 14
Lamivudine, 16	Naloxone, 10
Lamivudine + Tenofovir, 17	Naphazoline, 29
Levetiracetam, 11	Natamycin, 29
Levodopa+Carbidopa, 19	Neomycin, 30
Levonorgestrel	Neomycin + bacitracin, 22
Implant, 26	Neostigmine, 7
Oral contraceptives, 26	Nevirapine, 16
Lidocaine	Nicotinamide, 33
Antiarrhythmic, 20	Nifedipine, 30
Local anesthetics, 8	Norethisterone, 26
Lopinavir + ritonavir, 16	NVP. See Nevirapine
Lubricating jelly, 22	Nystatin, 15
Magnesium sulfate	Omeprazole, 25
Anticonvulsants, 10	ORS
Mannitol, 24	Anti diarrhea, 25
Measles Rubella Vaccine, 28	Electrolytes, 32
Measles Vaccine, 28	Oxygen, 7
Medroxyprogesterone, 26	Oxytocin, 30
Meglumine Amidotrizoate, 23	Paracetamol
Meropenem, 13	Analgesics, 8
Metformin, 27	Antimigraine, 18
Methotrexate	Pegylated Interferon, 27
DMARD, 9	Penicillamine
Immunosuppressive, 19	Antidotes, 10
Methyl dopa, 21	DMARDs, 9
Methylrosanilinium chloride,	Penicillin V. See
22	Phenoxymethylpenicillin

Permethrin, 23	Ranitidine, 24
Phenobarbital sodium, 10	Retinol. <i>See</i> Vitamin A
Phenoxymethylpenicillin, 12	Rifampicin + Clofazimine + Dapsone, 15
Phenylephrine Nasal drop, 29	Rifampicin + Clofazimine + Dapsone, 15
Phenytoin, 10	Rifampicin + Dapsone, 15
Phytomenadione. <i>See</i> Vitamin K1	Rifampicin + Isoniazid, 15
Pilocarpine	Rifampicin + Isoniazid +Pyrazinamide +Ethambutol, 15
Eye drop, 29	Ringer Lactate. <i>See</i> Sodium lactate
Podophyllin paint, 23	Salbutamol, 31
Podophyllotoxin, 23	Selenium sulfide, 22
Polymyxin + Bacitracin Nasal, 30	Sevoflurane, 7
Polyvidone iodine, 24	Silver sulfadiazine, 22
Potassium chloride, 32	Simvastatin, 22
Potassium iodide, 27	Sodium bicarbonate Ear drops, 30
Potassium permanganate, 22	Electrolytes, 33
Povidone iodine, 24	Sodium chloride, 33
Prednisolone	Sodium fluoride, 33
Antiallergics, 10	Sodium lactate, 33
Eye drop, 29	Sodium nitroprusside, 21
Primaquine, 18	Sodium thiosulfate, 22
Procaine benzylpenicillin, 12	Sodium valproate. <i>See</i> Valproic acid
Promethazine	Spironolactone
Antiallergics, 10	Diuretics, 24
Antiemetic, 25	Heart failure, 21
Propofol, 7	Streptokinase, 22
Propranolol, 18	Streptomycin, 15
Propylthiouracil, 27	Sulfamethoxazole + trimethoprim. <i>See</i> Cotrimoxazol
Protamine sulfate, 10	
Pyrantel, 11	
Pyrazinamid, 15	
Pyridoxine. <i>See</i> Vitamin B6	
Quinine, 18	
Rabies immunoglobulin, 27	

- Sulfasalazine
 - Anti-inflammatory, 25
 - DMARDs, 9
- Sumatriptan, 18
- Suxamethonium, 7
- TDF. *See* Tenofovir
- Tenofovir, 16
- Tetanus toxoid, 28
- Tetracaine, 29
- Tetracycline, 28
- Theophylline, 32
- Thiamine. *See* Vitamin B1
- Thiopental sodium, 7
- Timolol, 29
- Tobramycin + dexamethasone, 28
- TOPV Vaccine, 28
- Tramadol, 9
- Tranexamic acid, 19
- Tropicamide
 - Diagnostic Agents, 23
 - Eye drop, 29
- Tuberculin, 27
- Ultrasound gel, 23
- Valproic acid
 - Anticonvulsants, 11
 - Bipolar disorders, 31
- Vancomycin, 14
- Vecuronium, 7
- Verapamil, 20
- Vitamin A, 33
- Vitamin B₁, 33
- Vitamin B₁₂, 33
- Vitamin B₆, 34
- Vitamin C, 34
- Vitamin K1
 - Anticoagulants, 19
 - Vitamins and Minerals, 34
- Warfarin, 20
- Water, 33
- Whitfield's Oint. *See* Benzoic acid + salicylic acid
- Xylometazoline, 29
- ZDV. *See* Zidovudine
- Zidovudine, 16
- Zidovudine + Lamivudine, 17
- Zidovudine + Lamivudine + Nevirapine, 16
- Zinc sulfate
 - Anti diarrhea, 25

Annexes

Annex 1: Application form for Addition/Deletion of Medicines from TLEML (Sample)

**COMISSÃO DE SELEÇÃO DE MEDICAMENTOS,
PRODUTOS E EQUIPAMENTOS MEDICOS
(CSMPM)**



Date: _____

Application No.: _____

Please try to include all relevant information within the boxes. Additional sheets may be added as references. Information can be completed in English, Indonesian or Tetum.

Application form for Addition/Deletion of Medicines from Essential Medicines List Timor Leste	
Section A : Completed by Doctor or Pharmacist	
Proposal for:	Addition ☐ Deletion ☐
Medicine's Name (generic):	
Strength:	Dosage form:
Therapeutic Category:	
Therapeutic indication:	
Dosage (Maximum and Minimum):	
Please list any contra-indications, precautions and toxic effects of the proposed medicine:	
Please add any additional information (eg references and published papers) in support of this application:	
Is another medicine of this category already included in the EMLTL: Yes ☐ No ☐	
If 'Yes which medicine(s):	
1. List the advantages of the proposed medicine over the existing one in EMLTL? 2. Do you think the proposed medicine replaces the existing one in EMLTL? If so Why?	
Submitted by: – Name: _____	
Profession: _____	Speciality: _____
Health Institution: _____	
Signature: _____	Date: _____

**COMISSÃO DE SELEÇÃO DE MEDICAMENTOS,
PRODUTOS E EQUIPAMENTOS MEDICOS
(CSMPEM)**



SEND COMPLETED FORM TO: Chairman of CSMPEM Department of Pharmacy, Laboratory and Medical Equipment - MoH	
Section B : Completed by Drug Information Unit	
Cost of the medicine proposed: _____ Cost of the existing medicine in stock: _____ Remarks (Advantage, Disadvantage): Signature: _____ Date: _____ Drug Information Pharmacist	
Section C : Completed by CSMPEM	
CSMPEM decision Decision: Not Approved: ☐ Approved: ☐ _____ Level of Use State the reason of the decision taken: Signature: _____ Date: _____ Chairman of CSMPEM	

**Annex 2: Request form for Non-Listed Medicines on TLEML
(Sample)**



**COMISSÃO DE SELEÇÃO DE MEDICAMENTOS,
PRODUTOS E EQUIPAMENTOS MÉDICOS
(CSMPEM)**



Date: _____

Application No.: _____

Please try to include all relevant information within the boxes. Additional sheets may be added as references. Information can be completed in English, Indonesian or Tetum.

Request form for Non-Listed Medicines on Essential Medicines List Timor Leste	
Section A : Completed by the requesting professional	
Medicine's Name (generic): _____	
Strength: _____	Dosage form: _____
Therapeutic Category: _____	
Therapeutic indication: _____	
Dosage (Maximum and Minimum): _____	
Duration of Therapy: _____	
Provide justification for purchase of this Medicine: (Please attach Literature review, diagnostic results including microbiology report, second opinion from microbiologist, pathologist, infection control specialist etc): _____ _____	
Submitted by: – Name: _____	
Profession: _____ Health Institution: _____	Speciality: _____
Signature: _____ Date: _____	
SEND COMPLETED FORM TO: Inpatients Pharmacist for notification to Drug Information Pharmacist – MoH and CSMPEM	
Section B : Completed by Drug Information Unit	
Cost of the medicine proposed: _____	
Cost of the existing medicine in stock: _____	



**COMISSÃO DE SELEÇÃO DE MEDICAMENTOS,
PRODUTOS E EQUIPAMENTOS MÉDICOS
(CSMPEM)**



Remarks (Advantage, Disadvantage):

Signature: _____

Date: _____

Drug Information Pharmacist

Section C : Completed by CSMPEM

CSMPEM decision

Decision: Not Approved: ☐ Approved: ☐

If approved, state:

Quantity Purchased: _____ Cost/unit: _____ Total cost: _____

Signature: _____

Date: _____

Chairman of CSMPEM

**Funded by the National Health Sector
Strategic Plan - Support Project
(NHSSP-SP)**