

**REPUBLIC OF RWANDA**



**MINISTRY OF HEALTH  
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**NATIONAL LIST OF ESSENTIAL MEDICINES  
FOR ADULTS**

**6<sup>th</sup> Edition, 2015**

**September, 2015**

## **FOREWORD**

The essential medicines are those that meet the priority needs of the healthcare of the population. While reviewing the 5<sup>th</sup> edition, of the essential Medicines, special attention focused on the health sector policy. Indeed, medicines play an important role in protecting, maintaining and restoring the peoples' health and credibility of health facilities. Their availability is a fundamental aspect of primary health care as defined in different declarations including Alma-Ata of 1978.

In 2014, Rwanda's Ministry of Health (MoH) revised the National Health Policy and Health System Strategic Plan HSSPIII 2013-2018, based on the country's Vision 2020, the Poverty Reduction Strategy Paper (PRSP) of 2012, and the Good Governance and Decentralization Policy. The Health Policy 2014 mentions seven key objectives that guide all the interventions in the health sector:

1. Improve the availability of human resources;
2. Improve the availability of quality medicines, vaccines and consumables;
3. Expand geographical accessibility to health services;
4. Improve the financial accessibility to health services;
5. Improve the quality and demand for services in the control of disease;
6. Strengthen national referral hospitals and research and treatment;
7. Reinforce institutional capacity.

Most countries in the world, including Rwanda, have become states parties to one or more international human rights treaties, thus creating an obligation of the state to its people towards the realization of the right to health, which includes access to essential medicines.

The Millennium Development Goals (MDGs) commit the international community and each country to a renewed vision of development, one that vigorously promotes human development as the force that will sustain social and economic progress in all countries.

In Rwanda, the health sector contributed directly to achieving five of the eight goals:(1) eradicate extreme poverty and hunger, (2) reduce child mortality, (3) improve maternal health, (4) combat HIV/AIDS, malaria and other diseases, and (5) ensure environmental sustainability.


With respect to comply with these obligations, Rwanda has developed and reviewed a List of Essential Medicines to enable availability, accessibility, affordability to quality and safe health products and ensure their rational use.

This edition of the National Essential Medicines List (NEML) 2015 has been derived from the previous 5<sup>th</sup> edition 2010, the Standard Treatment Guidelines 2<sup>nd</sup> edition 2013 and the Model List of World Health Organization (WHO) 18<sup>th</sup> edition 2013, and 19<sup>th</sup> edition 2015 to ensure harmony in treatment, procurement and re-imburements.

This is a list of minimum medicines and other health commodities that are needed for a basic health-care system, listing the most efficacious, safe and cost-effective medicines for priority conditions. It is intended to be a reference document for availability of essential health products in public health institutions and facilities, it also directs prescribers and dispensers on product to be prescribed and dispensed at each level of health system.

I hope that all health providers would embrace this document as it continues to be an important tool in the management of medicines in the country while the Ministry of Health strives to increase access to essential medicines that satisfy the priority health care needs of all Rwandan population.

I highly thank the stakeholders in the pharmaceutical sector and all those who contributed in the development of this 6<sup>th</sup> edition of the National Essential Medicine List for Adults.

  
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## ACRONYMES AND ABBREVIATIONS

<b>AIDS</b>	Acquired immunodeficiency syndrome
<b>Caps.</b>	Capsules
<b>Co</b>	Community Level
<b>DH</b>	District Hospital
<b>g</b>	Gram
<b>HC</b>	Health Center
<b>HIV,</b>	Human Immunodeficiency Virus
<b>HP</b>	Health Post
<b>HSSP</b>	Health System Strategic Plan
<b>Inj.</b>	Injection
<b>IU</b>	International Unit
<b>Kg</b>	Kilogram
<b>MDGs</b>	Millenium Development Goals
<b>mg</b>	Milligram
<b>MIU</b>	Millions International Unit
<b>ml</b>	Milliliter
<b>MoH</b>	Ministry of Health
<b>NEML</b>	National Essential Medicine List
<b>PH</b>	Provincial Hospital
<b>PRSP</b>	Poverty Reduction Strategy Paper
<b>RBC</b>	Rwanda Biomedical Center
<b>RH</b>	Referral Hospital
<b>Sol.</b>	Solution
<b>SONU</b>	Soins Obstetricaux et Neonatologie d’Urgence
<b>STGs</b>	Standard treatment Guidelines
<b>Tab.</b>	Tablet
<b>TBD</b>	Tuberculosis Division
<b>VPDP</b>	Vaccine preventable disease program
<b>WHO</b>	World Health Organization
<b>µc</b>	Microgram

## INTRODUCTION

On a global scale, there are diseases that prevail more in some areas than others. These diseases must be treated by a wide range of health products. For this reason, we should make a selection of health products, in the mission of making it easier for clinicians, dispensers, patients and managers of the supply chains for health products.

The WHO provided guidance to develop the list and set up an indicative list that is adapted by each country according to its health context and available resources. The choice of these health products is based on their current and future use and according to public health conditions and their ability to be applied with regards to evidence of safety, cost effectiveness and affordability by the users.

The selection of these products took into account different criteria, including:

- a) The results of clinical and epidemiological criteria,
- b) The comparison of the cost of Health products: product and treatment cost
- c) For equivalents health products, the choice is based on:
  - ✓ The studies done,
  - ✓ The pharmacokinetics of medicines,
  - ✓ The adaptability to local conditions of storage,

This list is revised on regular basis considering the epidemiology, health product quality, safety and effectiveness profiles and changes in the treatment due mentioned criteria.

The main criteria for the excluding health products from the list are:

- ✓ Few therapeutic indications
- ✓ Very high cost and availability of effective and less expensive substituent
- ✓ Severe adverse effects
- ✓ None specific therapeutic information
- ✓ Not adapted to the level of the health facility;

However, other products may be added according to their therapeutic advantages. The 6<sup>th</sup> edition of the essential medicine list has been developed based on the 5<sup>th</sup> edition list of essential medicines, the National Standard Treatment Guidelines and Protocols 2013, list of laboratory commodities and List of Consumables used in public health facilities.

The World Health Organization model lists 18<sup>th</sup> edition 2013, and 19<sup>th</sup> Edition 2015 have been used as indicative.

The development of this list was commissioned by the Ministry of Health and conducted with financial and technical support from the WHO, Health System Strengthening Department through its country Office in Rwanda.

It is a product of the leadership of the Clinical and Public Health Services in the Ministry of Health and a good collaboration of all pharmaceutical sector stakeholders including different clinicians, public health programs specialists, laboratory specialists and public pharmaceutical procurement specialists.

This document was elaborated by technical and practical workshops of the Pharmaceutical stakeholders where participants exchanged on the proposals from different health facilities and institutions given their work and epidemiological situation related needs. Also, a validation workshop, which regrouped all medical conditions specialists, was organised for completeness and validation.

The list takes into account the hierarchical levels of health care: Community (Co), Health posts, (HP), Health Center (HC), District Hospital (DH) Provincial Hospital (PH) and Referral Hospital (RH). In this list, the level of use is marked by X and that means that the medicine or any health product should be used at individual this level of use.

Products marked with footnote number, must be documented when prescribing. These include but not limited to third and fourth generation of Cephalosporin's, and other high-risk medicines.

The main changes made in the revision of this National Essential Medicine list are based on epidemiological situation and care provided in our health systems. The main additions are medicines for hepatitis, anti-cancer medicines, blood and blood components and other new medicines that have been included in current Standard treatment guideline (STGs).

The deletions of some medicines have been due to the fact that was not considered as essential in National therapeutic guidelines and treatment protocols.

## 1. ANAESTHETICS

### 1.1 General anaesthetics and oxygen

#### 1.1.1. Inhalational medicines

Product name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Isofluran	Inhalation ,	X	X				
Halothan	Inhalation,	X	X	X			
Oxygen	Inhalation (medical gas )	X	X	X			
Nitrous oxide	Inhalation	X	X				

#### 1.1.2. Injectable medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Ketamine	Inj. 50 mg /1ml	X	X	X			
Propofol	Inj. 20 mg/ml.	X	X				
Thiopental	Powder for inj. 500mg	X	X	X			

### 1.2 Local anaesthetics

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Bupivacaine	Inj. 0,25 %, 0.5%	X	X	X			
Bupivacaine	Inj. for spinal anaesthesia: 0, 5 % to be mixed with 7.5% glucose	X	X	X			
Lidocaine	Inj., 1% , 2%	X	X	X	X	X	
Lidocaine	Inj. for spinal anaesthesia: 5% to be mixed with 7.5% glucose	X	X	X	X		
Lidocaine	Topical forms: 2% to 4%	X	X	X			
Lidocaine + epinephrine	Inj. 1%; 2% + Epinephrine 1:200 000	X	X	X			
Lidocaine + Epinephrine	Dental cartridge 2% + Epinephrine 1:80 000	X	X	X			
Ephedrine	Inj. 30 mg ml.	X	X	X			
Lidocaine	Spray: 10%	X	X				
Lidocaine	Gel	X	X				

### 1.3 Preoperative medication and sedation for short-term procedures

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Atropine	Inj. 0.5mg; 1 mg	X	X	X			
Morphine	Inj. 10 mg/1ml	X	X	X			
Midazolam	Inj. 1 mg/ml.	X	X				
Neostigmine	Inj. 500 µg/ml	X	X	X			
Suxamethonium	Inj.50 mg/ml	X	X	X			
Suxamethonium	Powder for inj. 50mg/ml,	X	X	X			
Vecuronium	Powder for inj.10 mg	X	X	X			
Cisatracurium	Inj. 2mg/ml	X	X				

## 2. ANALGESICS, ANTIPYRETICS, NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES, (NSAIDS), ANTIGOUTS MEDICINES AND RHEUMATIC DISEASE MEDICINES THERAPY

### 2.1 Non-opioids, Antipyretics and non-steroidal Anti-Inflammatory medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Acetylsalicylic acid	Tab. 500 mg	X	X	X	X	X	
Ibuprofen	Tab. 200 mg ;400mg	X	X	X	X	X	
Paracetamol	Tab. 500 mg.	X	X	X	X	X	
Paracetamol	Suppository. 250 mg.	X	X	X	X	X	
Paracetamol	Inj.10mg/ml	X	X	X			
Diclofenac	Inj.75 mg/3ml	X	X	X	X		
Diclofenac	Tab. 50mg	X	X	X	X	X	
Diclofenac	Suppository :100mg	X	X	X	X		
Indomethacin	Caps: 25mg	X	X	X	X	X	
Indomethacin	Suppository 100mg	X	X	X	X		

## 2.2 Opioid analgesics

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Codeine	Tab. 30 mg	X	X	X			
Morphine	Inj.10 mg/ml	X	X	X			
Morphine	Tab. 10 mg	X	X	X			
Fentanyl	Inj.0,1 mg/ml	X	X	X			
Pentazocine	Inj. 30mg/ml	X	X				
Péthidine	Inj. 50mg/ml	X	X	X			
Tramadol hydrochloride	Tab. 50 mg	X	X	X			
Tramadol hydrochloride	Inj. 50 mg/ml	X	X	X			

## 2.3. Antigouts medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Colchicine	Tab, 300 mg	X	X	X			
Allopurinol	Tab, 100 mg	X	X	X			

## 3. ANTI-MIGRAINES MEDICINES

### 3.1 For treatment of acute attack

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Acetylsalicylic acid	Tab. 300 -500 mg	X	X	X	X	X	
Ergotamine	Tab. 1 mg.	X	X	X	X		
Paracetamol	Tab. 300-500 mg	X	X	X	X	X	
Sumatriptan succinate	Tab. 50mg	X	X				

### 3.2 For prophylaxis

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Propranolol	Tab. 20 mg, 40 mg	X	X	X			
Cinnarizine	Tab. 25mg,75 mg	X	X	X			



#### 4. ANTI-ALLERGIES AND MEDICINES USED IN ANAPHYLAXIS

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Chlorpheniramine	Tab. 4 mg	X	X	X	X	X	
Chlorpheniramine	Sol. 2 mg/5ml	X	X	X	X	X	
Dexamethasone	Inj. 4 mg/ml	X	X	X	X		
Dexamethasone	Tab. 0.5mg; 4mg	X	X	X	X		
Epinephrine (adrenaline)	Inj. 1 mg/1ml	X	X	X			
Hydrocortisone	Powder for inj.100mg	X	X	X	X	X	
Prednisolone	Tab. 5 mg,	X	X	X	X		
Promethazine	Inj. 25mg/ml	X	X	X			
Promethazine	Tab. 25 mg	X	X	X	X	X	

#### 5. ANTIDOTES AND OTHER SUBSTANCES USED IN POISONINGS

##### 5.1 Non-specific

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Charcoal, activated	Tab : 250 mg	X	X	X	X	X	

##### 5.2 Specific

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Acetyl cysteine	Inj. 200 mg/ml	X	X	X			
Atropine	Inj.1 mg/ml	X	X	X			
Calcium gluconate	Inj.100 mg/ml	X	X	X	X		
Naloxone	Inj. 400/ml	X	X	X			
Flumazenil	Inj. 0.1mg/ml	X	X	X			
Sodium bicarbonate	Inj. 8.4%	X	X	X			
Intralipid	Inj. 20%	X	X				
Protamine	Inj. 5000UI/5ml	X	X				
Vitamine K (Phytomedione)	Inj 10mg/ml	X	X	X	X	X	
Pralidoxime	Inj 20mg/ml	X	X	X			

## 6. ANTICONVULSANTS-ANTIEPILEPTICS

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Valproic acid and (Salts)	Tab. 200 mg; 300mg, 500 mg	X	X	X			
Carbamazepine	Tab. 200mg; 400mg	X	X	X			
Diazepam	Inj. 5 mg/ml	X	X	X	X	X	
Diazepam	Tab. 5 mg	X	X	X	X	X	
Phenobarbital	Tab. 100 mg	X	X	X	X		
Phenobarbital	Inj. 100mg/ml	X	X	X	X		
Phenytoin	Tab. 100 mg	X	X	X	X		
Phenytoin	Inj. 250mg/5ml	X	X	X			
Magnesium Sulfate <sup>1</sup>	Inj. 500 mg/ml	X	X	X	X		
Clonazepam	Tab. 0,5 mg, 2mg	X	X				
Levetiracetam	Tab. 250mg; 500mg	X	X				

## 7. ANTI-PARKINSON MEDICINES

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Biperiden	Tab: 2 mg	X	X	X	X		
Biperiden	Inj. 5 mg/ml	X	X	X			
Levodopa + Carbidopa	Tab: 100 mg/10 mg; 250 mg/25 mg	X	X				

## 8. MEDICINES FOR MENTAL AND BEHAVIOURAL DISORDERS

### 8.1 Medicines used in psychotic disorders

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Zuclopenthixol acetate	Inj. 50 mg/ml, 200mg/ml	X	X				
Zuclopenthixol acetate	Tab. 10mg, 25mg	X	X				
Chlorpromazine	Tab. 25mg; 100 mg	X	X	X	X		
Chlorpromazine	Inj. 25 mg/ml	X	X	X	X		
Levomepromazine	Inj. 25mg/ml	X	X	X			

<sup>1</sup> Allowed to be used only in SONU health centers

Levomepromazine	Tab. 25mg, 100mg	X	X	X			
Haloperidol	Tab.5 mg	X	X	X	X		
Haloperidol	Inj. 5 mg/1ml; 50mg/ml	X	X	X	X		
Haloperidol	Inj. 50mg/ml	X	X	X			
Flupentixol	Tab. 0.5mg; 1mg	X	X	X			
Flupentixol	Inj. 20mg/ml, 100mg/ml	X	X				
Olanzapine	Tab. 5mg	X	X				
Risperidone	Tab. 2mg	X	X				
Risperidone	Inj. 25mg/ml	X	X				
Pipamperon	Oral solution. 40mg/ml	X	X				
Pipamperon	Tab. 40mg	X	X				

## 8.2 Medicines Used In Mood Disorders

### 8.2.1 Medicines used in depressive disorders

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Amitriptyline	Tab. 25 mg	X	X	X	X		
Fluoxetine	Tab. 20 mg	X	X	X			
Citalopram	Tab. 20mg	X	X				
Clomipramine	Tab. 25mg	X	X	X			
Clomipramine	Inj. 25mg/ml	X	X	X			
Trazodone	Tab.100mg	X					
Imipramine	Tab. 10mg, 25mg	X	X	X			

### 8.2.2 Medicines used in bipolar disorders

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Valproic acid (and salts)	Tab 200 mg; 300mg ;500 mg	X	X	X			
Carbamazepine	Tab 100 mg; 200 mg.	X	X	X	X		
Carbonate de lithium <sup>2</sup>	Tab ou Tab, 250mg, 400mg	X	X				

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<sup>2</sup> Need a close monitoring due to its toxic effects;

### 8.3 Medicines for anxiety disorders and Hypnotics

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Diazepam	Tab. 5 mg.	X	X	X	X	X	
Alprazolam <sup>3</sup>	Tab. 0.5mg	X	X				
Clorazepate dipotassium	Caps. 5mg/10mg	X	X	X			
Zolpidem	Tab. 10mg	X	X				

### 8.4 Medicines used for obsessive compulsive disorders

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Clomipramine	Caps. 10 mg; 25 mg	X	X	X			
Clomipramine	Inj. 25 mg	X	X	X			

### 8.5 Medicines used in vascular disturbances

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Cinnarizine	Tab:25mg or 75mg	X	X	X			
Piracetam	Tab:800mg	X	X				

## 9. CARDIOVASCULAR MEDICINES

### 9.1 Antianginal medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Atenolol	Tab. 50 mg, 100 mg	X	X	X			
Isosorbide dinitrate	Sublingual tab. 5 mg; 20mg	X	X	X			
Carvedilol	Tab. 6.25mg; 12.5mg, 25mg	X	X	X			
Verapamil	Tab. 40 mg	X	X				

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<sup>3</sup> Alternative of Diazepam in case of suspicion of dependence

## 9.2 Antiarrhythmic medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Amiodarone	Inj. 50 mg/ml	X	X				
Amiodarone	Tab. 200 mg	X	X				
Atenolol	Tab. 50 mg, 100mg	X	X	X			
Digoxin	Tab. 250 µg ;	X	X	X			
Digoxin	Oral liquid: 50 /ml.	X	X	X			
Digoxin	Inj. 250µg /ml	X	X	X			
Epinephrine (adrenaline)	Inj. 100 /ml	X	X	X			
Propranolol	Tab. 40mg	X	X				

## 9.3 Antihypertensive medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Spironolactone	Tab. 25mg	X	X	X	X		
Captopril	Tab. 12.5mg; 25 mg	X	X	X	X		
Lisinopril	Tab. 5mg	X	X	X			
Atenolol	Tab. 25mg, 50 mg	X	X	X			
Carvedilol	Tab. 6.25mg; 12.5mg	X	X	X			
Hydrochlorothiazide	Tab. 25 mg.	X	X	X	X		
Methyldopa <sup>4</sup>	Tab. 250 mg.	X	X	X	X		
Hydralazine	Inj. 20mg/ml	X	X	X			
Nifedipine	Tab. 10 mg; 20mg	X	X	X			
Furosemide	Inj.10mg/2ml	X	X	X	X		
Furosemide	Tab. 40mg	X	X	X	X		
Clonidine	Inj.100µg/ml	X	X	X			
Amlodipine	Tab. 5mg; 10mg	X	X	X	X		

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<sup>4</sup> *Methyldopa is listed for use in the management of pregnancy-induced hypertension if necessary. Its use in the treatment of essential hypertension is not recommended in view of the availability of more evidence of efficacy and safety of other medicines.*

Losartan	Tab. 50mg	X	X	X			
Losartan/Hydrochlorothiazide	Tab. 50mg/12.5mg	X	X				

#### 9.4 Medicines used in heart failure

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Hydrochlorothiazide	Tab. 25 mg	X	X	X			
Digoxin	Tab.250µg	X	X	X			
Digoxin	Inj. 250µg/ml	X	X	X			
Dopamine	Inj. 40mg/ml	X	X	X			
Spironolactone	Tab. 25mg	X	X	X			
Atenolol	Tab. 25 mg;50mg	X	X	X			
Carvedilol	Tab. 6.25mg; 12.5mg	X	X	X			
Propranolol	Tab. 10mg or 40mg	x	X	X			
Furosemide	Inj.10mg/ml	X	X	X	X		
Furosemide	Tab. 20mg; 40mg	X	X	X	X		
Captopril	Tab.12.5mg; 25 mg	X	X	X	X		
Lisinopril	Tab. 5mg	X	X				

#### 9.5 Antithrombotic medicines and Lipid-lowering agents

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Acetylsalicylic acid	Tab. 100 mg.	X	X	X			
Heparin sodium	Inj. 5000 IU/ml	X	X	X			
Enoxaparin	Inj.40mg/0.4ml	x	X	X			
Warfarin	Tab. 1mg; 5mg	X	X	X			
Clopidogrel	Tab. 75 mg; 300 mg	X	X	X			
Simvastatin	Tab. 5 mg; 10 mg; 20 mg; 40 mg.	X	X	X			

### 10. DIURETICS

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Furosemide	Inj.10 mg/ml	X	X	X	X		
Furosemide	Tab. 20mg; 40mg	X	X	X	X		
Hydrochlorothiazide	Tab. 25 mg.	X	X	X	X		

Mannitol	Inj. solution. 10%, 20%.	X	X	X			
Spirolactone	Tab. 25 mg.	X	X	X			

## 11. MUSCLE RELAXANTS (PERIPHERALLY-ACTING) AND CHOLINESTERASE INHIBITORS

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Neostigmine	Tab. 15 mg	X	X				
Neostigmine	Inj. 500 µg /ml; 2.5µg /ml; 2,5µg/ml	X	X	X			
Suxamethonium	Inj. 50 mg/ml	X	X	X			
Suxamethonium	Powder for inj. 50mg/ml	X	X	X			
Vecuronium bromide	Powder for inj. 10 mg	X	X	X			
Cisatracurium	Inj. 2mg/ml	X	X				

## 12. ANTI-INFECTIVE MEDICINES

### 12.1 Anthelmintics

#### 12.1.1 Intestinal anthelmintics

Product Name	Dosage form & Strength	RH	HP	DH	HC	HP	Co
Mebendazole	Tab.100 mg; 500 mg	X	X	X	X	X	
Niclosamide	Tab. 500 mg	X	X	X	X		
Albendazole	Tab. 400mg	X	X	X	X		

#### 12.1.2 Antifilarials

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Ivermectin	Tab. 6 mg	X	X	X	X		
Diethylcarbazine	Tab. 100 mg	X	X	X	X		

#### 12.1.3 Antischistosomal medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Praziquantel	Tab 600 mg	X	X	X	X		

## 12.2 Antibacterials

### 12.2.1 Beta-lactam medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Amoxicillin	Caps: 250 mg, 500mg	X	X	X	X	X	
Amoxicillin Clavulanic acid	Tab. 500mg/125mg	X	X	X			
Amoxicillin+Clavulanic acid	Powder for inj. 1.2g.	X	X	X			
Ampicillin	Powder for inj. 500mg, 1g	X	X	X	X		
Benzathine benzyl penicillin	Powder for inj. 2,4 MIU,	X	X	X	X		
Benzyl penicillin	Powder for inj. 5 MIU,	X	X	X	X		
Procaine benzyl penicillin	Powder for inj. 4 MIU,	X	X	X	X		
Cloxacillin	Caps. 250 mg	X	X	X	X		
Cloxacillin	Powder for inj. 500 mg,	X	X	X			
Phenoxymethyl penicillin	Tab. 250 mg	X	X	X	X		
Cefotaxime	Powder for inj. 1g	X	X	X			
Ceftriaxone	Powder for inj. 250mg, 1g	X	X	X			
Ceftazidime	Powder for inj. 1g	X	X	X			
Cefazolin <sup>5</sup>	Powder for inj. , 1g	X	X	X			
Cefixime	Capsules, 400 mg	X	X				
Imipenem + Cilastatin <sup>6</sup>	Powder for inj. 250mg+500mg	X	X				

### 12.2.2 Other Antibacterials

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Azithromycine	Tab. 500 mg;	X	X	X			
Chloramphenicol	Oily susp. Inj. 0,5g/2 ml	X	X	X			
Ciprofloxacin	Tab. 250mg, 500 mg	X	X	X	X		
Doxycycline	Tab. 100 mg	X	X	X	X	X	
Erythromycin	Tab. 250 mg	X	X	X	X		

<sup>5</sup> For surgical prophylaxis only

<sup>6</sup> Only for the treatment of life-threatening infection due to suspected or proven multi drug resistant infection



Gentamycin	Inj. 40 mg /ml	X	X	X	X		
Metronidazole	Tab. 250mg	X	X	X	X		
Metronidazole	Inj. 500 mg/100ml	X	X	X	X		
Nitrofurantoin	Tab. 100 mg	X	X	X	X		
Spectinomycin	Powder for inj. 2g	X	X	X	X		
Sulfamethoxazole/Trimethoprim	Tab. 400 mg/80 mg	X	X	X	X		
Sulfamethoxazole/Trimethoprim	Tab. 800 mg/160 mg	X	X	X	X		
Sulfamethoxazole/Trimethoprim	Inj. 80 mg/16 mg	X	X	X			
Ciprofloxacin	Inj. 200mg	X	X				
Clindamycin	Tab.150mg	X	X				
Clindamycin	Inj. 600mg	X	X				
Vancomycin	Powder for inj. 500 mg	X	X				
Clarithromycin	Tab. 250 mg	X	X				

### 12.2.3 Antileprosy medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Clofazimine	Tab. 50 mg, 100 mg	X	X	X	X		
Dapsone	Tab. 50 mg, 100 mg	X	X	X	X		
Rifampicin	Tab. 150 mg, 300 mg	X	X	X	X		

### 12.2.4 Antituberculosis medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Ethambutol	Tab. 100, 400 mg	X	X	X	X		
Isoniazid	Tab. 100mg, 300 mg	X	X	X	X		
Pyrazinamide	Tab. 400 mg	X	X	X	X		
Rifampicin	Tab. 150 mg, 300 mg	X	X	X	X		
Rifabutin <sup>7</sup>	Tab. 150mg	X	X	X	X		
Rifampicin/Isoniazid	Tab. 150mg/75mg	X	X	X	X		

<sup>7</sup> For use only in patients with HIV receiving protease inhibitors.X

Rifampicin/Isoniazid	Tab. 60mg/60mg	X	X	X	X		
Rifampicin/Isoniazid	Tab. 60mg/30mg	X	X	X	X		
Rifampicin/Isoniazid/ Pyrazinamide/Ethambutol	Tab. 150mg/75mg/400mg 275mg	X	X	X	X		
Rifampicin/Isoniazid/Ethambutol	Tab. 150mg/75mg/275mg	X	X	X	X		
Rifampicin/Isoniazid/Pyrazinamide	Tab. 60mg/30mg/150	X	X	X	X		
Streptomycin	Powder for inj. 1 g	X	X	X	X		
Kanamycin	Inj. powder 1g	X	X	X	X		
Ofloxacin	Tab. 200 mg	X	X	X			
Prothionamide	Tab. 250 mg	X	X	X	X		
Cycloserine	Tab. 250 mg	X	X	X	X		
p-Amino salicylic acid (PASER)	Tab. 500 mg	X	X	X	X		
p-Amino salicylic acid (PASER)	Granules 4g in sachet	X	X	X	X		
Levofloxacin	Tab. 200 mg	X	X	X	X		
Capreomycin	Powder for inj. 1g	X	X	X	X		
Moxifloxacin	Tab. 400mg	X	X	X	X		
Clarithromycin	Tab. 500mg	X	X	X	X		
Clofazimine	Tab. 400mg	X	X	X	X		

### 12.3 Antifungal medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Fluconazole	Tab. 200 mg	X	X	X	X		
Nystatin	Tab. 500 000UI	X	X	X	X		
Amphotericin B	Powder for inj. 50 mg	X	X	X			
Miconazole Nitrate	Oral gel 40 g	X	X	X	X		

### 12.4 Antiviral Medicines

#### 12.4.1 Antiherpes Medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Acyclovir	Tab. 200 mg 400mg, 800mg	X	X	X	X		
Acyclovir	Powder for inj. 250 mg	X	X				
Acyclovir	Ointment	X	X	X			

## 12.4.2 Antiretrovirals

### 12.4.2.1. Reverse-transcriptase inhibitors

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Tenofovir	Tab. 300mg	X	X	X	X		

### 12.4.2.2 Non-nucleoside reverse transcriptase inhibitors

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Efavirenz	Tab. 600mg	X	X	X	X		
Nevirapine	Tab. 200 mg	X	X	X	X		
Etravirine	Tab.100mg	X	X	X	X		

### 12.4.2.3 Protease inhibitors

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Atazanavir-Ritonavir	Tab. 300/100mg	X	X	X	X		
Darunavir	Tab. 300mg	X	X	X	X		
Lopinavir/Ritonavir	Tab. 200/50mg	X	X	X	X		
Ritonavir	Tab.100mg	X	X	X	X		

### 12.4.2.4 Integrase inhibitors

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Raltegravir	Tab. 400mg	X	X	X	X		

### 12.4.2.5 Fixed-Dose combinations

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Abacavir/Lamivudine	Tab. 600/300mg	X	X	X	X		
Zidovudine/Lamivudine/Nevirapine	Tab. 300/150/200mg	X	X	X	X		
Zidovudine/Lamivudine	Tab. 300/150mg	X	X	X	X		
Tenofovir/Lamivudine/Efavirenz	Tab. 300/300/600mg	X	X	X	X		
Tenofovir/Lamivudine	Tab. 300/300mg	X	X	X	X		

### 12.4.2.6 Booster

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Ritonavir	Tab.100mg	X	X	X	X		

### 12.4.3. Anti-Hepatitis Medicines

#### 12.4.3.1. Medicines for Hepatitis B

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Tenofovir	Tab. 300mg	X	X	X	X		
Entecavir	Oral liquid 0.05mg/ml	X	X	X	X		
Entecavir	Tab. 0.5mg; 1mg	X	X	X	X		
Lamivudine	Tab.300mg	X	X	X	X		

#### 12.4.3.2. Medicines for Hepatitis C

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Adefovir	Tab.10mg	X	X				
Pegynterferon alfa-2a	Inj. 180 µg	X	X				
Simeprevir	Tab. 150mg	X	X				
Sofosbuvir	Tab. 400mg	X	X				
Ledipasvir	Tab. 90mg	X	X				
Ribavirin	Tab. 400mg, 600mg	X	X				
Daclatasvir	Tab. 60 mg	X	X				
Ledipasvir/Sofosbuvir	Tab. 90 mg/400 mg.	X	X				

### 12.5 Antiprotozoal Medicines

#### 12.5.1 Antiamoebic and anti giardiasis medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Metronidazole	Tab. 250-500 mg;	X	X	X	X	X	
Metronidazole	Inj.500 mg/ml	X	X	X			
Tinidazole	Tab. 500mg	X	X	X	X		

#### 12.5.2 Antimalarial medicines

##### 12.5.2.1 For curative treatment

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Artemether /Lumefantrine	Tab. 20 mg/120mg	X	X	X	X	X	X
Artesunate	Inj. 30mg; 60mg, 120mg	X	X	X	X		
Quinine	Tab. 300 mg	X	X	X	X		

Quinine	Inj. 300 mg/ml	X	X	X	X		
Primaquin	Tab. 7.5 mg; 15 mg	X	X				

### 12.5.3.2 For malaria prevention

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Long-lasting Insecticidal Treated Nets		X	X	X	X	X	X
Insecticides					X		
Larvicides					X		

### 12.5.4. Antipneumocystosis and Antitoxoplasmosis Medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Sulphamethoxazole/Trimetoprim	Inj 80mg/16mg/ml	X	X	X			

## 13. DERMATOLOGICAL MEDICINES (TOPICAL)

### 13. 1. Anti-infective medicines

#### 13.1.1. Antiseptics and disinfectants

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Povidone iodine	Solution, 10%	X	X	X	X	X	
Silver sulfadiazine	Cream, 1%,	X	X	X	X	X	
Ethanol	Denatured Solution. 70 %	X	X	X	X	X	
Eosin	Powder	X	X	X	X	X	
Potassium permanganate	Tab. 50mg, 100 mg	X	X	X	X	X	
Chlorhexidine	Solution, 5%	X	X	X	X	X	
Hydrogen peroxide	Sol 3%	X	X	X	X	X	
Chloramine	Tab. 500 mg	X	X	X	X	X	
Tri-enzyme liquid detergent	200 doses/25ml	X	X	X	X	X	
Chlorhexidine + Cetrimide	1,5% + 15%	X	X	X	X	X	

### 13.1.2 Antibacterials and Antiparasitics

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Bacitracin+Neomycin	Ointment, 5 mg/500 IU/g	X	X	X	X		
Tetracycline	Ointment 1%	X	X	X	X	X	
Fucidic acid	Cream/ointment 2%,	X	X	X			
Benzyl benzoate	Lotion 25%	X	X	X	X		
Permethrin	Cream 5%;lotion 1%	X	X	X			
Metronidazole	Vaginal tab. 500mg	X	X	X	X		

### 13.1.3. Antifungal medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Ketoconazole	Cream 2%	X	X	X	X	X	
Miconazole Nitrate	Cream 2%	X	X	X	X	X	
Clotrimazole	Cream 1%; 10%.	X	X	X	X	X	
Clotrimazole	Vaginal tab. 100 mg; 500 mg.	X	X	X	X		
Nystatin	Vaginal Tab. 100000 IU	X	X	X	X		

## 13.2 Anti-inflammatory and antipruritic medicines

### 13.2.1 Steroid Anti-inflammatory medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Betamethasone Valerate	Cream/ Ointment 0.1%	X	X	X	X		
Betamethasone Valerate	Lotion 0.1%	X	X	X	X		
Hydrocortisone	Cream/ointment 1%	X	X	X	X		
Calamine	Lotion	X	X	X	X		
Miconazole/Hydrocortisone	Cream	X	X	X	X		
Bethamethasone/Salicylic acid	Ointment	X	X	X	X		
Hydrocortisone/Oxytetracycline	Ointment	X	X	X	X		
Betamethasone /Clotrimazole/Gentamycin	Ointment	X	X	X	X		

### 13.2.2 Analgesics: Non-steroidal anti inflammatory

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Diclofenac	Ointment 50 g	X	X	X	X	X	

### 13.3 Antivirals

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Acyclovir	Cream/ointment 5%	X	X	X	X		

### 13.4 Medicines against acne and rosacea

#### 13.4.1 Medicines against acne

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Benzoyl Peroxide	Gel/ Lotion 5 %, 10 %	X	X	X	X		

#### 13.4.2 Medicines against rosacea

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Metronidazole	Cream 0.75%,	X	X	X	X		

### 13.5. Medicines affecting skin differentiation and proliferation

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Salicylic acid	Lotion, 5 %	X	X	X	X		
Urea	Ointment 5% - 30%	X	X	X	X		
Salicylic acid	Ointment 5% -30%	X	X	X	X		
Podophyllin	Solution, 10-25 %	X	X	X	X		
Meladinine	Solution 0.1% 0.75%	X	X	X	X		
Fluorouracil	Cream 5%	X	X	X	X		
Ditranol	Ointment 0.05 % ; 1%	X	X	X	X		

### 13.6. Protective or cicatrizing preparations

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Vaseline	Ointment	X	X	X	X		
Zinc Oxide	Paste	X	X	X	X		

#### 14. DERMATOLOGICAL MEDICINES (SYSTEMIC)

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Meladinine	Tab. 10 mg	X	X	X	X		
Griseofulvin	Tab. 250mg, 500mg	X	X	X	X		

#### 15. PREPARATIONS USED IN OPHTHALMOLOGY

##### 15.1 Anti-infective Agents

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Acyclovir	ophthalmic ointment 3 %	X	X	X	X		
Chloramphenicol	Eye drops 0,5%	X	X	X	X		
Gentamicin	Eye drops, 0,3 %, 1,5%	X	X	X	X		
Idoxuridine	Eye drops, 0,1 % ;	X	X	X			
Fluoromethalone	Eye drops 0.1%	X	X	X			
Idoxuridine	Ointment ophthalmic, 0,2 %	X	X	X			
Silver nitrate	Sol, ophthalmic, 1 %	X	X	X	X		
Tetracycline	Ointment ophthalmic, 1 %	X	X	X	X	X	
Norfloxacin	Eye drops 0.3%	X	X	X	X		
Gentamycin	Ointment	X	X	X			

##### 15.2 Anti-inflammatory agents

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Dexamethasone	Eye drops 1%	X	X	X			
Hydrocortisone	Eye drops 1%	X	X	X			
Prednisolone	Eye Drops 1%	X	X	X			

##### 15.3. Anti-inflammatory and anti-infective combinations

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Dexamethasone/Gentamycin	Eye drops 0.1% + 0.5%	X	X	X			
Dexamethasone/Neomycin	Eye drops	X	X	X			



### 15.4 Local Anesthetics

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Tetracaine	Eye drops, 0,5 %	X	X	X			
Proparacaine	Eye Drops 0.5%	X	X	X			
Oxybuprocaine	Eye drops 0.4%	X	X	X			

### 15.5 Miotics and antiglaucoma medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Acetazolamide	Tab. 250 mg	X	X	X			
Pilocarpine	Eye drops. 2 %; 4 %	X	X	X			
Timolol solution	Eye drops. 0,25 %; 0,5 %	X	X	X			
Latanoprost	Eye drops 50µg/g	X	X				

### 15.6 Mydriatics

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Atropine solution	Eye drops, 0,1 %, 0,5 %, 1 %	X	X	X			
Epinephrine/ Adrenaline	Eye drops, 2 %	X	X	X			
Tropicamide	Eye drops 0.5%, 1%	X	X	X			
Cyclopentolate	Eye Drops 1%	X	X	X			

### 15.7 Antiallergic agents

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Sodium cromoglicate	Eye drops, 0,1 %, 0,5 %, 1 %	X	X	X	X		
Methylcellulose	Eye drops, 1%	X	X	X			

## 16. MEDICINES USED IN GASTROENTEROLOGY

### 16.1 Antacid and other antiulcer medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Aluminum hydroxid	Tab. 500 mg	X	X	X	X	X	
Aluminum hydroxide	Oral liquid, 320 mg/5 ml	X	X	X	X	X	
Magnesium hydroxide	Oral liquid, 550 mg/10 ml	X	X	X	X	X	
Ranitidine	Tab. 150mg, 300 mg	X	X	X			

Cimetidine	Inj. 200g/2ml	X	X	X			
Cimetidine	Tab. 200mg	X	X	X	X	X	
Omeprazole	Caps 20 mg	X	X	X			

### 16.2 Antiemetic medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Metoclopramide	Inj., 5 mg	X	X	X	X		
Promethazine	Tab. 10 mg	X	X	X	X	X	
Promethazine	Inj. 25 mg 2 ml	X	X	X	X		
Metoclopramide	Tab. 10mg	X	X	X	X	X	

### 16.3 Antihaemorrhoidal medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Anti-haemorrhoid: local anesthetic /astringent/anti-inflammatory	Suppository	X	X	X	X		
Anti-haemorrhoid: local anesthetic /astringent/anti-inflammatory	Ointment	X	X	X	X		
Daflon: diosmine 450mg/Hesperidin 50mg	Tab 450mg+50mg	X	X	X	X		

### 16.4 Antispasmodic medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Atropine	Inj. 1mg/ml	X	X	X			
Hyocine butylbromide	Tab. 10 mg	X	X	X	X	X	
Hyocine butylbromide	Inj. 20 mg/1ml	X	X	X	X		
Papaverine	Inj. 20mg/ml	X	X	X			
Papaverine	Tab. 40mg	X	X	X	X		

## 16.5 Laxative medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Bisacodyl	Tab. 5mg	X	X	X	X	X	
Lactulose	Syrup 3,33g/5ml	X	X	X	X	X	

## 16.6 Medicines used in Diarrhoea

### 16.6.1 Oral Rehydration

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Oral rehydration salts	2.5g/l sachets for dilution.	X	X	X	X	X	X

### 16.6.2 Medicines for diarrhoea

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Codeine	Tab 30 mg	X	X	X	X		
Zinc Sulphate	Tab 10 mg, 20mg	X	X	X	X	X	X
Loperamide	Caps 2mg	X	X	X	X		

## 17. MEDICINES ACTING ON THE RESPIRATORY TRACT

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Beclomethasone	Inhalation solution, 50 µg; 250 µg	X	X	X	X		
Epinephrine	Inj. 1 mg/ml	X	X	X			
Salbutamol	Inhalation solution 100µg/dose ;	X	X	X	X		
Salbutamol	Inj.50 µg /ml;	X	X	X			
Salbutamol	Nebuliser solution, 5 mg/ml	X	X	X			
Aminophylline	Tab 100mg	X	X	X	X	X	
Aminophylline	Inj. 25 mg/ml amp. 10 ml.	X	X	X	X		
Ipratropium	20 µg /metered dose	X	X				

## 18. OXYTOCICS AND ANTIOXYTOCICS

### 18.1 Oxytocics

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Oxytocin	Inj. 10 IU/ml	X	X	X	X		
Ergometrine	Inj. 200µg/ml	X	X	X	X		
Misoprostol	Tab. 200 µg/ml	X	X	X			X

### 18.2 Anti-oxytocics (Tocolytics)

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Salbutamol	Tab. 4 mg ;	X	X	X	X		
Salbutamol	Inj, 50µg /ml	X	X	X			
Nifedipine	Tab. 10mg	X	X	X			

### 18. 3. Prostaglandins

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Misoprostol	Tab. 200µg	X	X	X	X		X

## 19. ANTINEOPLASTIC, IMMUNOSUPPRESSIVE AND MEDICINES

### USED IN PALLIATIVE CARE

#### 19.1 Anti-Cancer agents

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Folinic acid	Tab. 15 mg	X	X				
Bleomycin	Inj. 15 mg	X	X				
Cyclophosphamide	Tab. 50 mg ;	X	X				
Cyclophosphamide	Inj. 500 mg	X	X				
Doxorubicine	Powder for inj.10mg; 50 mg	X	X				
Methotrexate	Tab. 2,5 mg	X	X				
Methotrexate	Inj. 50 mg	X	X				
Vincristine	Inj. 1mg/ml	X	X				
Mercaptopurine	Tab. 50mg	X	X				
Hydroxycarbamide	Caps. 200mg; 1g	X	X				

Tamoxifen Citrate	Tab. 20mg	X	X				
Anastrozole	Tab. 1mg	X	X				
Letrozole	Tab. 2.5mg	X	X				
Cisplatin	Inj. 1mg/ml	X	X				
Imatinib mesylate	Tab. 100mg	X	X				
Melphalan	Tab. 2mg	X	X				
Trastuzumab	Powder for inj. 150mg	X	X				
Zoledronate	Inj. 5mg/100ml	X	X				
Oxaliplatin	Inj. 5 mg/ml	X	X				
Carboplatin	Inj. 10mg/ml	X	X				
Paclitaxel	Powder for inj. 6 mg/ ml.	X	X				
Ifosfomide	Powder for inj. 1000mg	X	X				
Fluorouracil (5-fu)	Inj. 50mg/ml	X	X				
Fluorouracil (5-fu)	Cream 0.5%, 1% and 5 %	X	X				
Irinotecan	Inj. 20mg/ml	X	X				
Docetaxel	Inj. 20mg/ml	X	X				
Rituximab	Powder for inj. 100mg	X	X				
Cyclosporine	Tab. 25mg	X	X				
Mycophenolate	Tab 500mg	X	X				

## 19.2. Medicines for Pain and Palliative Care

### 19.2.1 Non-opioids and non-steroidal Anti-Inflammatory medicines (NSAIDs)

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Acetylsalicylic acid	Tab. 500 mg.	X	X	X	X	X	
Ibuprofen	Tab. 400 mg;	X	X	X	X	X	
Paracetamol <sup>8</sup>	Tab. 500 mg.	X	X	X	X	X	X

<sup>8</sup> Not recommended for anti-inflammatory use due to lack of proven benefit to that effect

### 19.2.2 Opioid analgesics

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Codeine	Tab. 30 mg	X	X	X			
Morphine	Inj. 10 mg /ml	X	X	X			
Morphine	Oral liquid. 10 mg/5 ml.	X	X	X	X		
Morphine	Tab. 10 mg	X	X	X			

### 19.2.3 Medicines for other common symptoms in palliative care

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Amitriptyline	Tab. 25 mg	X	X	X	X		
Cyclizine	Inj. 50 mg/ml.	X	X	X			
Cyclizine	Tab. 50 mg.	X	X	X			
Diazepam	Inj. 5 mg/ml.	X	X	X			
Diazepam	Tab. 5 mg.	X	X	X	X		
Ondansetron	Inj. 2mg/ 2ml	X	X	X	X		
Ondansetron	Tab. 8 mg.	X	X	X	X		
Fluoxetine	Tab. 20 mg	X	X	X			
Hyoscine butylbromide	Inj. 20 mg/ml.	X	X	X			
Lactulose	Oral liquid. 3,7 g/5 ml.	X	X	X	X		
Loperamide	Tab. 2 mg.	X	x	X	X		
Metoclopramide	Inj. 5 mg ml	X	X	X			
Metoclopramide	Oral liquid. 5 mg/5 ml.	X	X	X	X		
Metoclopramide	Tab. 10 mg	X	X	X	X		

## 20. IMMUNODEPRESSANTS

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Hydrocortisone	Inj. 100mg/ml	X	X	X			
Prednisolone	Tab. 5mg	X	X	X	X		
Dexamethazone	Inj. 4mg/ml	X	X	X			
Interferons $\alpha$ -2a	Inj. 10000000IU/1,2ml	X	X				
Interferons $\alpha$ -2b	Inj. 10000000IU/1,2ml	X	X				

## 21. ANTIPARKINSONISM MEDICINES

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Biperiden	Tab. 2 mg	X	X	X			
Biperiden	Inj. 5 mg/ml	X	X	X			
Levodopa/Carbidopa	Tab. 100mg/10 mg; 250 mg/25 mg	X	X				

## 22. MEDICINES AFFECTING THE BLOOD

### 22.1 Antianaemia medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Folic Acid (Vit B9)	Tab. 1 mg; 5mg	X	X	X	X	X	
Hydroxycobalamin (Vit B12)	Inj. 1 mg/ml	X	X	X	X		
Fer salts	Tab. 60 mg	X	X	X	X	X	
Fer salts/Folic acid	Tab. 60 mg/400 µg	X	X	X	X	X	

### 22.2 Medicines affecting blood Coagulation

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Heparin	Inj. 5000IU/ml	X	X	X			
Enoxaparin	Inj. 40mg/0.4ml	X	X	X			
Warfarin	Tab. 1mg, 5mg	X	X	X			
Etamsylate	Tab. 250mg	X	X	X			
Etamsylate	Inj.250 mg/2ml	X	X	X			
Phytomenadione (Vit K)	Inj. 10 mg/ml	X	X	X	X	X	
Protamine	Inj. 10 mg/ml	X	X	X			

## 23. DERIVATIVES OF BLOOD AND PLASMA SUBSTITUTES

### 23.1 Plasma substitutes

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Gelatine (haemacel)	Inj. 3,5%	X	X	X			
Dextran 70	Injectable solution: 6%	X	X				

## 23.2 Blood and Blood components

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Red Blood Cells	Unit, 250ml-300ml	X	X	X			
Platelets	Unit, 50-70ml, 250-300ml	X	X	X			
Fresh Frozen Plasma	Unit 200-250ml	X	X	X			
Human immunoglobulin (Anti D)	Vial of 300 micro-grams	X	X	X			

## 24. DIAGNOSTIC PRODUCTS

### 24.1 In ophthalmology

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Fluorescein	Eye drops, 1 %	X	X	X			
Tropicamid	Eye drops , 0,5 %	X	X	X			

### 24.2 Diagnostic Products based on Immunological reactions

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Tuberculin, purified protein derivative (PPD)	Injectable	X	X	X	X		

### 24.3 Radiocontrast media

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Amidotrizoate	Inj. 140 to 420 mg of iodine/ml	X	X				
Iohexol	140-350 mg of iodine /ml	X	X				
Propylidone	Oil suspension, 500-600 mg/ml	X	X				
Barium Sulfate	Aqueous suspension	X	X	X			
Iotroxate meglumine	Solution, 5-8 g Iodine 100-250 ml	X	X				
Iopamidol	Inj. 300 mg/ml	X	X				

## 25. HORMONES, OTHER ENDOCRINE MEDICINES AND CONTRACEPTIVES

### 25.1 Androgens

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Testosterone	Inj. 200 mg/ml	X	X	X			



## 25.2 Contraceptives

### 25.2.1 Hormonal contraceptives

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Levonorgestrel	Tab. 30mcg	X	X	X	X	X	X
Medroxyprogesterone acetate	Inj. 150 mg	X	X	X	X		
Levonorgestrel	Implant. 75mg	X	X	X	X		
Levonorgestrel	Tab. 1.5mg	X	X	X	X		
Etonogestrel	Implant 68mg	X	X	X	X		
Norgestrel/Ethinylestradiol	Tab. 300 µg, +36mg	X	X	X	X		
Norethisterone enantate	Oily sol. 200 mg/ml	X	X	X	X		
Ethinylestradiol+Levonorgestrel	Tab. 30 µg + 150 µg;	X	X	X	X		X
Ethinylestradiol+Norethisterone	Tab. 35 µg + 1,0 mg	X	X	X	X		
Ethinylestradiol+Gestodene	Tab. 30 µg, + 750 µg	X	XX	X	X		
Medroxyprogesterone acetate	Inj. 150 mg/ml	X	X	X	X		
Mifepristone	Tab. 200 mg	X	X	X			

### 25.3.2 Intrauterine devices

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Copper containing Device		X	X	X	X		
Levonorgestrel-releasing intrauterine system	Intrauterine system with reservoir containing 52 mg of levonorelrel	X	X	X	X		

### 25.3.3 Mechanical contraceptives

Product Name	Dosage form & Strength	RH	HP	DH	HC	HP	Co
Condoms		X	X	X	X	X	X

## 25.4 Oestrogenic medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Ethinylestradiol	Tab.10 µg, 50 µg	X	X	X			
Oestrogen/Progesterone	Tab. 0,625mg+2,5mg	X	X	X			
Oestrogen	Gel. 0.6mg/g, 80g	X	X	X			
Progesterone	Tab. 100 mg	X	X	X			
Progesterone	Pessaries 200mg	X	X	X			

### 25.5 Ovulation inducers

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Clomifene	Tab. 50mg	X	X	X			
Bromocriptine	Tab. 2,5 mg	X	X				

### 25.6 Progestogens

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Norethisterone	Tab. 5 mg	X	X	X	X		
Medroxyprogesterone	Tab. 5 mg	X	X	X	X		

### 25.7. Insulins and other medicines used for diabetes

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Glibenclamide	Tab. 5 mg	X	X	X	X		
Gliclazide	Tab. 30mg	X	X	X			
Long acting insulins	Inj. 100 IU/ml	X	X	X	X		
Intermediate-acting insulins	Inj. 100 IU/ml	X	X	X	X		
Rapid-acting insulins	Inj. 100 IU/ml	X	X	X	X		
Metformin	Tab. 500 mg, 850mg	X	X	X	X		

### 25.8 Thyroid hormone and antithyroid medicines

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Potassium iodide	Tab. 60 mg	X	X	X			
Levothyroxine	Tab. 50 µg 100 µg	X	X	X			
Propylthiouracil	Tab. 50mg	X	X	X			
Carbimazole	Tab. 5mg	X	X	X			

## 26. IMMUNOLOGICAL PREPARATIONS

### 26.1 Sera and immunoglobulins

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Diphtheria antitoxin	Inj. 10.000 IU, 20.000 IU	X	X	X	X		
Rabies immunoglobulin	Inj. 150 IU/ml	X	X	X	X		
Tetanus human immunoglobulin	Inj. 500IU	X	X	X	X		
Human anti-D immunoglobulin	Inj. 300	X	X	X	X		
Snake Antivenoms	Inj. solution	X	X	X	X		

## 26.2 Vaccines

### 26.2.1 General Use

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Measles Vaccine		X	X	X	X		
BCG Vaccine		X	X	X	X		
Polio Vaccine		X	X	X	X		
DTP-HepB + Hib		X	X	X	X		
Tetanus (T <sub>1</sub> & T <sub>2</sub> )		X	X	X	X		
Yellow Fever <sup>9</sup>		X					
Hepatitis B vaccine		X	X	X	X		

### 26.2.2. Reserved for certain groups of subjects and materials

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Meningococcal vaccine		X	X	X	X		
Rabies Vaccine Inactivated		X	X	X	X		
Oral Polio Vaccine (OPV)		X	X	X	X		
Pneumococcal Vaccine		X	X	X	X		
Antitetanic Vaccine		X	X	X	X		
Hepatitis B vaccine		X	X	X	X		
HPV vaccine		X	X	X	X		

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<sup>9</sup> This vaccine is only administered at central level (RBC/VPDP)

## 27. SOLUTIONS CORRECTING WATER, ELECTROLYTE AND ACID-BASE DISTURBANCES

### 27.1 Oral way and nutrients

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Oral rehydration salts	Powder. 20,5g/l	X	X	X	X	X	X
Resomal	Sachet powder	X	X	X	X		
Corn Soya Beans (CSB)	Sachet powder	X	X	X	X		
Ready-To-Use-Therapeutic Food	Powder	X	X	X	X		
Therapeutic milk (F75, F100)	Sachet powder	X	X	X	X		

### 27.2 Parenteral route

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Calcium gluconate	Inj.10%,	X	X	X			
Potassium Chloride	Solution 11,2 %	X	X	X			
Sodium Chloride	Solution inj. Isotonic 0,9 %	X	X	X	X		
Glucose	Solution inj. 5 %, 10%, 50%	X	X	X	X		
Glucose Sodium Chloride	Solution inj. 4 %	X	X				
Sodium bicarbonate	Inj. solution. isotonic 1,4 %	X	X	X			
Sodium lactate, solution	solution inj.	X	X	X	X		
Calcium chloride	Solution inj. isotonic 0,9 %	X	X	X			
Sodium chloride	Inj. Solution 3 %	X	X				
Mannitol	Injectable Solution 20%	X	X	X			
Gelatine (Haemecel)	Inj. 3.5% bottle 500ml	X	X	X			
Parenteral nutrition	Inj.	X	X				
Injectable micronutrients	Inj.	X	X				
Enteral nutrition	Inj.	X	X				

### 27.3 Miscellaneous

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Water for injections	Inj. Bottle of 2 ml, 5 ml, 10 ml	X	X	X	X		

## 27.4 Peritoneal Dialysis Solution

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Solution for peritoneal dialysis	Parenteral solution	X	X				

## 28. VITAMINS AND MINERALS

Product Name	Dosage form & Strength	RH	PH	DH	HC	HP	Co
Ascorbic acid	Tab. 50 mg	X	X	X	X	X	
Nicotinamide	Tab. 50 mg	X	X	X	X		
Pyridoxine	Tab. 25 mg	X	X	X	X	X	
Retinol	Caps. 100,000; 200 000 IU	X	X	X	X	X	
Thiamine	Tab. 50 mg	X	X	X	X	X	
Vitamin B complex	Inj.	X	X	X			
Vitamin B complex	Tab.	X	X	X	X	X	
Multivitamin	Tab.	X	X	X	X	X	
Zinc	Tab. 10-20 mg	X	X	X	X	X	
Calcium + Vitamin D	Tab. 1000/880 mg	X	X	X			
Calcium gluconate	Tab. 500mg	X	X	X			
Cyano Cobalamine (Vitamin B12)	Tab.	X	X	X			
Niacin (Vitamin B3)	Tab.	X	X	X			
Potassium Chloride	Inj. 1g/10ml	X	X	X			
Iron and Folic Acid	Tab	X	X	X	X	X	X
Potassium Phosphate	Inj. 6g/10ml	X	X				

## 29. ESSENTIAL MEDICAL SUPPLIES AND LABORATORY REAGENTS

### 29.1. Medical Consumables

#### 29.1.1. Ligatures And Suture Materials And Surgicals

No	Item description	RH	PH	DH	HC	HP	Co
1	Bone wax	X	X	X			
2	Catgut chromic, sutures	X	X	X	X		
3	Colostomy bag	X	X	X			
4	Eye suture nylon	X	X	X			
5	Nylon, sutures	X	X	X	X		
6	Polyglactin acid, sutures	X	X	X	X		
7	Silk sutures	X	X	X	X		
8	Staple suture	X	X	X	X		
9	Surgical absorbable haemostat	X	X	X	X		
10	Umbilical cord	X	X	X	X		
11	Monofilament non resorbable sutures	X	X	X	X		
12	Resorbable sutures	X	X	X	X		
13	Staple suture	X	X	X	X		

#### 29.1.2. Gloves

No	Item description	RH	PH	DH	HC	HP	Co
1	Examination gloves, latex, non-sterile	X	X	X	X	X	X
2	Gynaecological gloves	X	X	X	X		
3	Heavy duty gloves, household	X	X	X	X	X	
4	Orthopaedics gloves	X	X	X			
5	Surgical gloves, sterile	X	X	X	X		

#### 29.1.3. Bandages And Dressings

No	Item description	RH	PH	DH	HC	HP	Co
1	Adhesive tape	X	X	X	X	X	
2	Bandage cotton	X	X	X	X	X	
3	Bandage crepe, stretched	X	X	X	X	X	

4	Bandage Plaster of paris (P.O.P)	X	X	X			
5	Elastic bandage	X	X	X	X	X	
6	Bandage triangular cotton	X	X	X	X		
7	Absorbent Gauze	X	X	X	X	X	
8	Gauze bandage	X	X	X	X	X	
9	Gauze pads, sterile	X	X	X	X	X	
10	Gauze swabs, Sterile	X	X	X	X	X	
11	Abdominal gauze swabs sterile	X	X	X			
12	Gauze, hydrophilic x-ray detectable	X	X	X			
13	Paraffin Gauze	X	X	X	X	X	
14	Plaster, adhesive elastic	X	X	X	X	X	
15	Plaster, adhesive, zinc oxide	X	X	X	X	X	
16	Wool, cotton	X	X	X	X	X	

#### 29.1.4. Radiology And Other Imaging Supplies

No	Item description	RH	PH	DH	HC	HP	Co
1	ECG Gel	X	X	X			
2	EEG Gel,	X	X	X			
3	Lead apron 100 x 60cm H V	X	X	X			
4	Ultrasound gel	X	X	X			
5	Ultrasound papers	X	X	X			
6	Dosimeter machine	X	X	X			
7	X-ray developer and replenisher	X	X	X			
8	X-ray films	X	X	X			
9	X-ray fixers	X	X	X			

#### 29.1.5. Administration Sets, Cannulas, Needles And Syringes

No	Item description	RH	PH	DH	HC	HP	Co
1	Air ring set, rubber with pump	X	X	X			
2	Airway guedel	X	X	X			
3	Blood collecting bags	X	X	X			
4	Blood giving sets	X	X	X			
5	Blood transfer bag	X	X	X			

6	Cannula IV with injection port and stopper	X	X	X			
7	Colostomy and ileostomy bag	X	X	X			
8	Immunization needles	X	X	X	X		
9	Immunization syringes + needles	X	X	X	X		
10	Nasal oxygen cannulas	X	X	X			
11	Dental Needle cartridge	X	X	X			
12	Dental Needles	X	X	X			
13	Needle for insulin device	X	X	X			
14	Hypodermic, Needle,	X	X	X	X	X	
15	Needles for lumbar puncture	X	X	X			
16	Infusion sets	X	X	X	X		
17	Set of blood transfusion	X	X	X			
18	Syringe disposable, hypodermic, luer Insulin	X	X	X	X		
20	Syringe with needle	X	X	X	X	X	
21	Syringe, disposable	X	X	X	X	X	
22	Syringe, disposable, hypodermic with needle	X	X	X	X		
23	Urine collecting bag	X	X	X			
24	Alcohol hands crub	X	X	X	X		
25	Central venous catheters	X	X	X	X	X	
26	Safely boxes	X	X	X	X	X	
27	Bottle for suction chest	X	X	X			
28	Reconstitution Syringes	X	X	X	X		

#### 29.1.6. Catheters and Tubes

No	Item description	RH	PH	DH	HC	HP	Co
1	Catheter stopper for all sizes	X	X	X			
2	Condom catheters	X	X				
3	Suction catheters	X	X	X			
4	Endotracheal tubes	X	X	X			
5	Feeding tubes	X	X	X			
6	Gastroduodenal tubes	X	X	X			
7	Nasogastric tube	X	X	X			



8	Rectal tube	X	X	X			
9	Thoracic drainage tubes	X	X	X			
10	Tracheostomy tube	X	X	X			
11	Urethral catheters	X	X	X			

### 29.1.7. Protectives

No	Item description	RH	PH	DH	HC	HP	Co
1	Apron plastified linen heavy duty	X	X	X			
2	Apron protective, disposable	X	X	X			
3	Bin linens different colors	X	X	X			
4	Boots for theatre	X	X	X			
5	Material for theatre gown	X	X	X			

### 29.1.8. Ward And Theatre Supplies And Accessories

No	Item description	RH	PH	DH	HC	HP	Co
1	Eye shield Single	X	X	X			
2	Oxygen mask with chamber nebulizer	X	X	X			
3	Oxygen mask with connection tubes	X	X	X			
4	Oxygen regulator, cylinder mounted	X	X	X			
5	Resuscitator bags	X	X	X			
6	Safe delivery (maternity) kit Standard	X	X	X	X		
7	Safety box for syringes and needle disposal	X	X	X	X		
8	Safety glasses	X	X	X	X		
9	Safety pin assorted size	X	X	X			
10	Shaver Single blade	X	X	X			
11	Stopcocks	X	X	X			
12	Circumcision devices and accessories	X	X	X			
13	Cesarian section kits	X	X	X			
14	Surgical brush (scrubbing)	X	X	X			
15	Surgical mop	X	X	X			

**29.1.9. Blades And Blade Handles**

No	Item description	RH	PH	DH	HC	HP	Co
1	Blades scalpel	X	X	X	X		
2	Scalpel handle for surgical blades	X	X	X			

**29.1.10. Haemodialysis & Peritoneal Dialysis**

No	Item description	RH	PH	DH	HC	HP	Co
1	Bicarbonate powder	X	X				
2	Haemodialysis catheters	X	X				
3	Dialysers, filters	X	X				
4	Adapters and connectors	X	X				
5	Tenkhoff catheters	X	X				
6	Y-line	X	X				
7	Dialysis collecting bag	X	X				

**29.1.11. Orthopaedic Supplies**

No	Item description	RH	PH	DH	HC	HP	Co
1	Angled blade plate	X	X				
2	AO femur nails	X	X				
3	AO tibia nails	X	X				
4	Austin Moore prosthesis 43mm diameter	X	X				
5	Bipolar prosthesis 43mm diameter	X	X				
6	Cancellous screw	X	X				
7	Partially and fully threaded	X	X				
8	Cancellous screws	X	X				
9	Cortical compression screw	X	X				
10	Diathermy cables and tips	X	X				
11	Drill bits	X	X				
12	Dynamic compression plates	X	X				
13	Diameters	X	X				
14	Dynamic compression, plates	X	X				
15	Dynamic hip screw	X	X				
16	External fixators	X	X				

17	Rods, single and double clamps and connecting rods	X	X				
18	Ilizarov bars	X	X				
19	Ilizarov bolts	X	X				
20	Central hole	X	X				
21	Ilizarov wires	X	X				
22	Kuntcher nails	X	X				
23	K-wires	X	X				
24	L plates	X	X				
25	One-third tubular plates	X	X				
26	Reconstruction plates	X	X				
27	Rush rods	X	X				
28	Schanz pins	X	X				
29	Semi-tubular plates	X	X				
30	Small external fixators	X	X				
31	T plates	X	X				

**29.1.12. Dental and Ophtalmic supplies**

No	Item description	RH	PH	DH	HC	HP	Co
1	Acrylic teeth, lower anterior Set	X	X	X			
2	Dental needles	X	X	X			
3	Dental plaster bag	X	X	X			
4	Dental probes	X	X	X			
5	Dental silver alloy 2 x 12g	X	X	X			
6	Dental stone 1kg bag	X	X	X			
7	Calcium hydroxide liquid and powder	X	X	X			
8	Dental drill bits	X	X	X			
9	Bite wing dental films	X	X	X			
10	Arch bars, dental	X	X	X			
11	Dental mirrors	X	X	X			
12	Dental X-ray films	X	X	X			
13	Silver point for root canal filling	X	X	X			
14	Suction tubes (saliva ejectors)	X	X	X			

15	Zinc phosphate cement powder	X	X	X			
16	Ethyl chloride spray	X	X	X			
17	Eugenol liquid	X	X	X			
18	Glass ionomer cement kit	X	X	X			
19	Polymethylmethacrylate (PMMA) intraocular lenses	X	X	X			

### 29.1.13. Miscellaneous Supplies

No	Item description	RH	PH	DH	HC	HP	Co
1	Applicator stick with cotton tip	X	X	X			
2	Autoclave tape	X	X	X	X	X	
3	Bedpan, stainless steel Standard	X	X	X	X	X	
4	Body bag	X	X	X			
5	Condoms	X	X	X	X	X	X
6	Dispensing envelopes	X	X	X	X	X	X
7	Face masks	X	X	X	X		
8	First aid kits	X	X	X	X	X	
9	Galliot, stainless steel	X	X	X			
10	Mucus extractor	X	X	X			
11	Pap smear kits	X	X	X			
12	Tongue Depressor	X	X	X	X	X	
13	Umbilical clamp	X	X	X	X		
14	Undercast padding	X	X	X			
15	Medical thermother	X	X	X	X	X	
16	Blood pressure machine	X	X	X	X	X	
18	Otoscope	X	X	X	X	X	
19	Stockinet	X	X	X	X	X	
20	Ambu bags	X	X	X			
21	Oxygem masks	X	X	X			
22	Protection glasses	X	X	X	X	X	
18	Urine collecting bag	X	X	X			

## 29.2. Laboratory Supplies and Reagents

### 29.2.1. Laboratory supplies

No	Item description	RH	PH	DH	HC	HP	Co
1	Alcohol swab	X	X	X	X	X	
2	Blood lancet	X	X	X	X		
3	Capillary tube, EDTA	X	X	X	X	X	
4	CD4 stabilization tubes	X	X				
5	Needle holders	X	X	X	X	X	
6	Pasteur pipette	X	X	X	X	X	
7	Sharps container	X	X	X	X	X	
8	Vacutainer tubes	X	X	X	X	X	
9	Vacutainer needles	X	X	X	X	X	
10	Vacutainer EDTA	X	X	X	X	X	
11	Microscope slides	X	X	X	X	X	
12	Filter papers	X	X	X	X	X	
14	Cryotubes for serum	X	X	X	X		
15	Conical tubes	X	X	X	X		
16	Western Blot	X	X	X	X		
17	Examination gloves	X	X	X	X	X	
18	Masking tape	X	X	X	X	X	
19	Pipettes stands	X	X	X	X	X	
20	Vaginal swabs	X	X	X	X	X	
21	Tips for Micro – pipettes	X	X	X	X	X	
22	Syringes	X	X	X	X	X	
23	Microscope	X	X	X	X	X	
24	Safety glasses	X	X	X	X	X	
25	Mixer	X	X	X	X	X	
26	Stool container	X	X	X	X	X	
27	Urine container	X	X	X	X	X	
28	Lamella	X	X	X	X	X	
29	Needle Adaptators	X	X	X	X	X	
30	Tips for micro pipettes	X	X	X	X	X	

31	Glass tubes	X	X	X	X	X	
32	Plastic tubes	X	X	X	X	X	
33	Sampling containers	X	X	X	X	X	

### 29.2.2. Testing kits including reagents

No	Item description	RH	PH	DH	HC	HP	Co
1	Blood glucose test strips	X	X	X	X	X	
2	Brucella abortus Ag	X	X	X			
3	Brucella melistensis Ag	X	X	X			
4	Cryptococcal latex antigen	X	X	X			
5	HCG latex antigen	X	X	X			
6	HCG pregnancy test	X	X	X	X	X	
7	IgM (tubex)	X	X	X			
8	Malaria rapid diagnostics test (RDT)	X	X	X	X	X	
9	RPR antigen	X	X	X			
10	RPR test strips	X	X	X	X		
11	Toxoplasma screening test	X	X	X			
12	TPHA antigen	X	X	X			
13	Treponema specific test	X	X	X			
14	Biochemistry tests	X	X	X	X		
15	Haematology Kits	X	X	X			
16	Controls kits	X	X	X			
17	CD4 counts kits and accessories	X	X	X			
18	HIV rapid tests	X	X	X	X		
19	Viral load test kits	X	X				
20	Urine test strips	X	X	X	X		
21	Syphilis test	X	X	X	X	X	

### 29.2.3. Tuberculosis reagents kit

No	Item description	RH	PH	DH	HC	HP	Co
1	Methylene blue	X	X	X	X		
2	Microscope slide	X	X	X	X	X	
3	Strong carbol fuchsin	X	X	X	X		

4	Sulphuric acid	X	X	X	X		
5	Auramine-o stain	X	X	X	X		
6	Hydrochloride in ethanol	X	X	X	X		

#### 29.2.4. Malaria reagent kits

No	Item description	RH	PH	DH	HC	HP	Co
1	Microcuvettes	X	X	X			
2	Cyanmethaemoglobin standard	X	X	X			
3	Giemsa stain	X	X	X	X	X	
4	Phosphate buffer tablets	X	X	X			
5	Physiological saline solution	X	X	X			
6	Sodium metabisulphate	X	X	X			
7	Methanol	X	X	X	X		

#### 29.2.5. Culture media and biochemical Reagents

No	Item description	RH	PH	DH	HC	HP	Co
1	Alkaline peptone water agar, dehydrated powder	X	X				
2	API-20E kit	X	X				
3	Bile aesculin agar 500g	X	X				
4	Blood base agar, dehydrated powder 500g	X	X				
5	Blood culture system (diphasic)	X	X				
6	Brain heart infusion dehydrated powder 500mg	X	X				
7	Carry-Blair agar, dehydrated powder 500g	X	X				
8	DCA agar, dehydrated powder 500g	X	X				
9	GC base agar 500g	X	X				
10	Haemoglobin Agar, powder 500g	X	X				
11	Haemophilus sensitivity agar, powder 500g	X	X				
12	Kligler iron agar 500g	X	X				
13	MacConkey agar, dehydrated powder 500g	X	X				
14	Maconkey sorbitol agar, dehydrated powder 500g	X	X				

15	Muller Hinton agar, dehydrated powder 500g	X	X				
16	Nutrient agar, dehydrated powder 500g	X	X				
17	Phenyl alanine 500g	X	X				
18	Saboraud dextrose agar 500g	X	X				
19	Selenite F broth, dehydrated powder 500g	X	X				
20	SIM agar, dehydrated powder 500g	X	X				
21	Skimmed milk 500g	X	X				
22	TCBS agar, dehydrated powder 500g	X	X				
23	Tryptone soya broth base 500g	X	X				
24	TSI agar, dehydrated powder 500g	X	X				
25	Urea agar, dehydrated powder 500g	X	X				
26	XLD agar, dehydrated powder 500g	X	X				

#### 29.2.6. Antimicrobial density discs kits

No	Item description	RH	PH	DH	HC	HP	Co
1	Ampicillin 10µg	X	X				
2	Bacitracin	X	X				
3	Ceftriaxone µg	X	X				
4	Chloramphenicol 10µg	X	X				
5	Ciprofloxacin 1µg	X	X				
6	Cotrimoxazole 25µg	X	X				
7	Erythromycin 5µg	X	X				
8	Gentamicin 100µg	X	X				
9	Methicillin	X	X				
10	Metronidazole	X	X				
11	Nalidixic acid 30µg	X	X				
12	Penicillin G 10µg	X	X				
13	Tetracycline 10µg	X	X				



### 29.2.7. Identification bio-chemicals

No	Item description	RH	PH	DH	HC	HC	Co
1	E-strip test 100 strips	X	X				
2	Factor V 50 pieces	X	X				
3	Factor X 50 pieces	X	X				
4	Factor X+V 50 pieces	X	X				
5	Iso vitalex 10ml	X	X				
6	Optochin 50 pieces	X	X				
7	Pastorex rapid kit for meningitis	X	X				
8	Slidex latex rapid kit for cholera	X	X				
9	Yersinia pestis rapid kit	X	X				

### 29.2.8. Typing sera

No	Item description	RH	PH	DH	HC	HP	Co
1	Enteroinvasive escherichia coli	X	X	X			
2	Escherichia coli polyvalent	X	X	X			
3	Neisseria meningitidis monovalent	X	X	X			
4	Neisseria meningitidis polyvalent	X	X	X			
5	Salmonella monovalent	X	X	X			
6	Salmonella polyvalent	X	X	X			
7	Shigella boydii	X	X	X			
8	Shigella dysenteriae monovalent	X	X	X			
9	Shigella dysenteriae polyvalent	X	X	X			
10	Shigella sonnei	X	X	X			
11	Vibrio cholerae	X	X	X			
12	Anti human globulin serum	X	X	X			
13	Anti serum A 10ml	X	X	X			
14	Anti serum AB 10ml	X	X	X			
15	Anti serum B 10ml	X	X	X			
16	Anti serum D (IgM+IgG) 10ml	X	X	X			
17	Blood giving sets	X	X	X			
18	Blood labels Capillary tubes	X	X	X			
19	ELISA, Ag/Ab microplate	X					

20	Ependorf tubes 1 BB E	X	X	X			
21	Hepatitis B surface antigen strips	X	X	X			
22	Hepatitis C antigen strips	X	X	X			
23	Hydrochloric acid (concentrated)	X	X	X			
24	Masking tape	X	X	X			
25	Pipette stand	X	X	X			
26	Single channel pipettes	X	X	X			
27	Sulphuric acid (concentrated)	X	X	X			
28	Bag holder, biohazard	X	X	X			
29	Genotyping test kits	X	X	X			
30	Bag, biohazard	X	X	X			

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MEDICINES FOR ADULTS, 6<sup>th</sup> Edition, 2015**

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