

**GVG**

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**Working paper:**

**Pharmaceuticals in Primary Health Care in Georgia  
Annexes**

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# Annex 1 Description of drug therapy for children up to 15

**Acute Upper Respiratory Tract Infections** - 80%, most of the cases do not need antibiotic treatment, need just symptomatic therapy  
\_20% of patients require antibiotic treatment.

• **Acute Respiratory Tract Infections J 00 – J 22**

Child under six; 40mg/ kg ; Per day to be divided in three doses to be taken during three days

Child over six 250-500mg average single dose to be taken during three days 3 times in a day

- **Paracetamol syrup** 125mg/5ml say Paracetamol 100ml=1fl or
- **Paracetamol - suppositories** 125mg – 9 or
- **Paracetamol tab** 250mg – 12 tab

**Acute Sinusitis- J 01**

**Paracetamol:** Child under six 50mg/kg Per day to be divided in three doses to be taken during five days

Child over six 250-500mg average single dose to be taken during five days

3 times in a day

- **Paracetamol syrup** 125mg/5ml say Paracetamol 100ml=N1fl or
- **Paracetamol - tab** 250mg – 15 tab or
- **Paracetamol tab** 500mg – 15 tab

**Acute Otitis- H 65-H 66**

**Paracetamol:** Child under six 50mg/kg Per day to be divided in three doses to be taken during five days

Child over six 250-500mg average single dose to be taken during five days

3 times in a day

- **Paracetamol syrup** 125mg/5ml say Paracetamol 100ml=N1fl or
- **Paracetamol - tab** 250mg – 15 tab or
- **Paracetamol tab** 250mg – 15 tab

• **Acute Tonsillitis and Pharyngitis- J 02-J 03**

**Phenoxymethyl-penicillin:** Child under six - 50-100mg/kg Per day to be divided in three/four doses to be taken during ten days

Child over six 250-500mg single dose 1mg = 1600unit to be taken during ten days

in three/four doses

- **Phenoxymethyl-penicillin:** tab 250mg -60 tab

In case of allergy on penicillin About 20% of total cases

**Azythromycin: Child under six 10mg/ kg Per day to be divided in one doses to be taken during 3 days**

Child over six 250 mg single dose to be taken during 3 days in one doses

- **Azythromycin:** suspension 200mg/5ml 15ml flacN1 or
- **Azythromycin:** tab 250mg -3 caps

• **Acute rino-sinusitis and otitis J 00, J 01, H 65-H 66**

**Amoxicillin:** Child under six-50mg/kg Per day to be divided in three doses to be taken during seven days

Child over six 250-500mg average single dose to be taken during seven days 3 times in a day

- **Amoxicillin:** suspension 125mg/5ml 100ml flacN1 or
- **Amoxicillin:** tab 250mg -21-42 tab.

**Amoxicillin+Clavulanic acid: suspension** Child under six20-40mg/kg 125 mg+31.25/5ml 100mg Per day to be divided in three doses to be taken during seven days

Child over six (250+125)mg or (500+125)mg average single dose to be taken during seven days 3 times in a day

• **Acute Bronchitis- J 20-J 22**

**Amoxicillin:** Child under six-50mg/kg Per day to be divided in three doses to be taken during seven days

Child over six 250-500mg average single dose to be taken during seven days

3 times in a day

- **Amoxicillin:** suspension 125mg/5ml 100ml flacN1 or
- **Amoxicillin:** tab 250mg -21-42 tab.

or

**Amoxicillin+Clavulanic acid:** Child under six20-40mg/kg Per day to be divided in three doses to be taken during seven days

Child over six (250+125)mg or (500+125)mg average single dose to be taken during seven days 3 times in a day

- **Amoxicillin+Clavulanic acid:** tab (250+125)mg N21 or (500+125)mg N21

• **Among them with obstruction - J 20-J 22**

**+Salbutamol:** Child under six 0,2-0,3 mg/ kg Per day to be divided in three doses to be taken during three days

Child over six aerosol 1 dose=1 puff (100 microgram) to be taken during three days

2-3 times in a day

- **Salbutamol:** Syrup or oral solution 2mg/5ml 150ml in flac N1
- **Salbutamol:** aerosol 1 dose=100microgram 200 dose in flac N1

• **Acute Pneumonia- J 18**

**Amoxicillin+Clavulanic acid:** Child under six 20-40mg/kg Per day to be divided in three doses to be taken during 5 days  
Child over six (250+125)mg or (500+125)mg average single dose to be taken during seven days 3 times in a day

- **Amoxicillin+Clavulanic acid:** tab (250+125)mg N21 or (500+125)mg N21

or

**Azithromycin:** Child under six 10mg/ kg Per day in one doses to be taken during 3 days

Child over six 250-500mg single dose to be taken during 3 days in one doses

or

**Ceftibuten:** Child under six 9mg/ kg Per day in one doses to be taken during 5 days

Child over six 200-400mg single dose to be taken during 5 days in one doses

**Ceftriaxone For injection:** Child under six 50-100mg/ kg Per day to be divided in 1-2 doses to be taken during 7 days

Child over six 500mg-1g single dose to be taken during ten days in 1-2 doses

**Ceftriaxone For injection:** For injection 0,5 in flac N10

**Ceftriaxone For injection:** For injection 1.0 in flac N10

**Bronchial Asthma J 45 Mild intermitent**

**Salbutamol:** 1 dose=100 microgram to be taken <1 in a day

- **Salbutamol:** aerosol (1 dose=100 microgr.) 200 dose flac N1

**Bronchial Asthma J 45 Mild persistent**

- **Salbutamol:** 1 dose=100 microgram to be taken 3 times in a day aerosol (1 dose=100microgr.) 200 dose flac N6 say 1095 dose

and

- **Sodium Cromoglicate:** 1 dose (20mg) to be taken 4 times in a day Aerosol inhalation 10mg/2puff 11

**Bronchial Asthma J 45 Moderate persistent**

- **Salbutamol:** 1 dose=100 microgram to be taken 4 times in a day aerosol (1 dose=100microgr.) 200 dose flac N8 say 1460 dose
- **Beklometazone Or/and Budenozide:** 1 dose=250 microgram to be taken twice in a day aerosol (1 dose=250microgr.) 200 dose flac N6 say 1095 dose

**Bronchial Asthma J 45 Severe persistent**

- **Salbutamol:** 1 dose=100 microgram to be taken 4 times in a day aerosol (1 dose=100microgr.) 200 dose flac N8 say 1460 dose
- **Beklometazone Or/and Budenozide:** 1 dose=250 microgram to be taken twice in a day aerosol (1 dose=250microgr.) 200 dose flac N6 say 1095 dose

Alternative regimen

- **Prednizolone:** 5mg 1 tab every second day: 182 tab

**Bronchial Asthma J 45 Acute episodes and exacerbation**

- **Prednizolone:** 5mg -42-84 tabs

Child under six 1-2mg/ kg per day to be taken during seven days

Child over six 20-60 mg per day to be taken during seven days

**1. Seasonal Allergic Rhinitis ( Hay Fever) J 30**

- **Pseudoephedrine Hydrochloride (sudafed):** Child under six 2,5 ml 3 times in a day  
child over six 5ml 3-4 times in a day. **elixir** 100ml 30mg/5ml flac N1  
over 14 30-60mg 3-4 times in a day to be taken during five days-total 20 tab.
- **Ketotifen:** 1mg twice in a day to be taken during seven days capsules N14

**2. Acute Conjunctivitis H 10**

**Bacterial Conjunctivitis**

- **Chloramphenicol:** Eye drops, 2 drops every 2 hours to be taken during seven days 0,3%-10ml flac N1
- **Tetracycline: Eye ointment** twice in a day to be taken during seven days 1%-1 tub.

**Acute Conjunctivitis H 10**

**Allergic Conjunctivitis**

- **Hydrocortisone:** Eye drops, 2 drops 3 times to be taken during seven days 1%-10ml in flac N1.
- **Sodium Cromoglicate:** Eye drops, 2 drops 3-4 times to be taken during 2 months, seasonally, in flac N1

**3. Urticaria L 50**

- **Prometazin:** 1mg/ kg per day to be divided in 1-3 doses  
child over 10 25-50mg per day to be taken during 5 days, tab 25mg N6-10

or

- **Loratadine (Clarytin):** Child under six-5mg once in a day  
child over six 10mg once in a day to be taken during ten days 10mg tab N5-10

**4. Atopic Dermatitis L 20**

- **Hydrocortisone:** Topical, Ointment/ cream 1%-100g tub N1

**5. Seborea (dermatitis) L 21**

- **Ketokonazole:** Topical, cream 2%-30,0 tub N1

**7. Urinary Tract Infections**

**Acute Cystitis – N 30**

**Acute Tubulo-Interstitial Nephritis – N 10**

**Amoxicillin+Clavulanic acid:** Child under six 20-40mg/kg Per day to be divided in three doses to be taken during seven days  
Child over six (250+125)mg or (500+125)mg average single dose to be taken during seven days 3 times in a day

- **Amoxicillin+Clavulanic acid:** tab (250+125)mg N21 or (500+125)mg N21

or

**Sulfamethozazole+trimeto-prim (co-trimoxazol):** Child under six- Sulfamethozazole 30mg/kg trimetoprim 6mg/kg per day to be divided in 2 doses to be taken during seven days

child over six 5-10 ml suspension twice in a day to be taken during seven days

- **Sulfamethozazole+trimeto-prim (co-trimoxazol):** Suspension (240+40)mg/ 5ml 100 ml flacN1

or

- **Sulfamethozazole+trimeto-prim (co-trimoxazol):** Tab (400+80) N15

or

**Ceftriaxone For injection:** Child under six 50-100mg/ kg Per day to be divided in 1-2 doses to be taken during ten days

Child over six 500mg-1g single dose to be taken during ten days in 1-2 doses

**Ceftriaxone For injection:** For injection 0,5 in flac N10

**Ceftriaxone For injection:** For injection 1.0 in flac N10

**8. Diarrhoea A 08, A 09**

**Among them Diarrhoea with inflammatory signs - A 09**

Most (60%) acute diarrhoeas are of viral origin and do not need any specific treatment.

- **Oral Rehydration salts (ORS):** Oral solution To be taken during 2-3 days 27,9g/l package N1

**Diarrhoea with inflammatory signs - A 09**

**Sulfamethozazole+trimeto-prim (co-trimoxazol):** Child under six- Sulfamethozazole 30mg/kg trimetoprim 6mg/kg per day to be divided in 2 doses to be taken during five days

child over six 5-10 ml suspension twice in a day to be taken during five days

- **Sulfamethozazole+trimetoprim (co-trimoxazol):** Suspension (240+40)mg/ 5ml 100 ml flacN1

or

- **Sulfamethozazole+trimetoprim (co-trimoxazol):** Tab (400+80) N10

**9. Candidiasis B 37**

**Fungal infections B 35**

**Mikonazole or Thiokonazole:** Topic, cream 2% 30,0 in tub N1

**10. Dermofitia B 35**

- **Clotrimazole:** Topic, cream 1%-50,0 tub N1

**13. Stomatitis K 12**

**Nistatin:** 400000 unit per day to be divided in 4 doses to be taken during 8-10 days.

**Nistatin:** 100000 4 tabs in a day during 8 days

**14. Helminthosis**

Among them:

**Askaridosis B 77**

- **Levamisole** Child under six 2,5 mg/kg Single dose

Child over six 50mg-100mg to be taken single dose. tab 50mg N2

**Enterobiosis B 80**

- **Pyrantel:** Child under six 10mg/kg (single dose) to be taken single dose

Child over six 1-2 tabs once in a day single. dose tab 250mg N2

or

- **Mebendazole:** child from 2 years old 100mg single dose could be repeated after 2-3 weeks 100mg tab N2

**16. "D" Vitamin Deficiency delution**

- **"D3" Cholecalciferol:** Child 1-2 age For prevention 400-1000ml or 4000-8000 for the treatment to be taken during 3 weeks Drops  
1 drop=500 unit 10ml in flac N1.

**17. Iron Deficiency Anemia D 50**

- **Ferrous fumerate:** 0,6-2,4 ml/kg per day to be divided in 2 doses during 3 months child over six 2,5-5ml twice in a day to be taken during 3 months 140mg (45mg ferrum)/ 5ml 100ml in flacN9.

**18. Nutritional Disorders E 64**

- **Multivitamin:** In average 1-2 tabs in a day, in flac N1

- **Folic acid:** Child under six 5-15 mg per day child over six 10-20 mg per day to be taken up to 15-30 days. In 5mg tab N90

**19. Epilepsy G 40**

- **Valproic acid:** 20-30 mg/kg per day to be divided in 2 doses, in tab 200mg N730

or

**Carbamazepine:** child under six 10-20mg/kg to be divided in 2 doses child over six 800-1200mg to be divided in 2 doses, in tab 100mg, 200 mg

# Annex 2 Prevalence and cost data for drugs for children up to 15<sup>1</sup>

Disease (health problem) For which indicated the drug	ICD-10 Code of health problem	Quantity of cases per one year per 1000 population	name of drug (Generic)	Dosage of drug used	Form and strength	Quantity of drug used for a standard course of treatment	Total Quantity	Wholesale price in USD	Total sum of wholesale price in USD	Wholesale price in LAN	Total sum of wholesale price in LAN		
Acute Respiratory Tract Infections	J 00 – J 22	125	Paracetamol	125mg/5ml	syrup 100ml	1	90	2	180	4	360		
			Paracetamol	125 mg	suppositories	9	90	0.065	5.85	0.130	11.7		
			Paracetamol	250mg	tab	12	300	0.04	12	0.1	24		
			Total									396	
Acute Sinusitis	J 01	2.5	Amoxicillin+Clavulanic acid	125mg+31.25/5ml	suspension 100mg flac.	1	1	2.8	2.8	5.6	5.6		
			Amoxicillin+Clavulanic acid	(250+125)mg	tab	15	15	0.38	5.7	0.76	11.4		
			Amoxicillin+Clavulanic acid	(500+125)mg	tab	15	8	0.6	4.5	1.2	9		
			Total									26	
Acute otitis	H 65-H 66	14	Amoxicillin	125mg/5ml	suspension 100ml flac	1	5	2.8	14	5.6	28		
			Amoxicillin	250 mg	tab	15	15	0.04	0.57	0.08	1.14		
			Amoxicillin	500	tab	15	15	0.4	6	0.8	12		
			Amoxicillin+Clavulanic acid	125mg+31.25/5ml	suspension 100mg flac.	1	5	2.8	14	5.6	28		
			Amoxicillin+Clavulanic acid	(250+125)mg	tab	15	15	0.38	5.7	0.76	11.4		
			Amoxicillin+Clavulanic acid	(500+125)mg	tab	15	15	0.6	9	1.2	18		
Total										99			
Acute Tonsillitis and Pharyngitis	J 02-J 03	10	Phenoxymethyl-penicillin	250mg/5 ml	suspension 100ml flac	1	5	5	25	10.0	50		
			Phenoxymethyl-penicillin	250 mg	tab	60	60	0.1	6	0.2	12		
			Azithromycin	250mg/5ml	suspension 100ml flac	1	2	6	12	12	24		
			Azithromycin	250 mg	caps	3	6	4	24	8	48		
			Total									134	
Acute Bronchitis	J 20-J 22	8.25	Amoxicillin	125mg/5ml	suspension 100ml flac	1	4	2.8	11.2	5.6	22.4		
			Amoxicillin	250 mg	tab	21	5	0.04	0.20	0.08	0.40		
			Amoxicillin+Clavulanic acid	125mg+31.25/5ml	suspension 100mg flac.	1	1	2.8	2.8	5.6	5.6		
			Amoxicillin+Clavulanic acid	(250+125)mg	tab	21	21	0.38	7.98	0.76	15.96		
			Amoxicillin+Clavulanic acid	(500+125)mg	tab	21	42	0.6	25.2	1.2	50.4		
			Salbutamol <sup>1</sup>	2mg/5ml	150ml Syrup or oral solution	1	2	2.6	5.2	5.2	10.4		
			Salbutamol	aerosol 1 dose=100microgram	200 dose in flac	1	1	2.7	2.7	5.4	5.4		
Salbutamol	2 mg	tab	6	6	0.10	0.60	0.20	1.20					
Total										112			
Acute Pneumonia	J 18	6	Amoxicillin+Clavulanic acid	125mg+31.25/5ml	suspension 100mg flac.	1	1	2.8	2.8	5.6	5.6		
			Amoxicillin+Clavulanic acid	(250+125)mg	tab	21	21	0.38	7.98	0.76	15.96		
			Amoxicillin+Clavulanic acid	(500+125)mg	tab	21	21	0.6	12.6	1.2	25.2		
			Azithromycin	250mg/5ml	suspension 100ml flac	1	1	4	4	8	8		
			Azithromycin	250 mg	caps	3	3	3	9	6	18		
			Cefibuten	suspension 180mg/5ml	suspension in flac	1	1	15	15	30	30		
			Cefibuten	400 mg	caps	5	5	4	20	8	40		
			Ceftriaxone	0.5 ml for injection	for injection in flac	7	4	3	10.5	6	21		
			Ceftriaxone	1.0 ml for injection	for injection in flac	7	4	5	17.5	10	35		
			Total										199
Bronchial Asthma	J 45	1	Mild Intermittent	Salbutamol	1 dose=100 microgram	aerosol 200 dose flac	1	0.2	2.7	0.54	5.4	1.08	
			Mild Persistent	Sodium Cromoglicate	inhalation 10mg/2 puff	Aerosol inhalation 112 dose	13	8	12	93.6	24	187.2	
			Moderate Persistent	Salbutamol	1 dose=100 microgram	aerosol 200 dose flac	5	3	2.7	8.1	5.4	16.2	
			Moderate Persistent	Beklometazone or Budezotide	1 dose=250 microgram	aerosol 200 dose flac	10	1	10	10	20	20	
			Severe Persistent	Salbutamol	1 dose=100 microgram	aerosol 200 dose flac	20	2	2.7	5.4	5.4	10.8	
			Severe Persistent	Beklometazone or Budezotide	1 dose=250 microgram	aerosol 200 dose flac	10	1	10	10	20	20	
			Severe Persistent	Prednisolone	5 mg	tab	182	18	0.04	0.73	0.08	1.46	
			Acute Episodes and exacerbation	Prednisolone	5 mg	tab	42	42	0.04	1.68	0.08	3.36	
			Total										271
			Seasonal Allergic Rhinitis (Hay Fever)	J 30	3	Pseudoephedrine Hydrochloride (suda)	30mg/5ml	elixir 100ml flac	1	2	2.8	5.6	5.6
Pseudoephedrine Hydrochloride (suda)	60mg	tab				20	20	0.2	4	0.4	8		
Ketotifen	1 mg	caps				14	28	0.1	2.8	0.2	5.6		
Total										25			
Acute Conjunctivitis	H 10	13	Bacterial Conjunctivitis	Chloramphenicol	0.3%-10ml	10ml flac Eye drops	2	10	0.3	3	0.6	6	
			Allergic Conjunctivitis	Tetracycline	1%-1 tub	Eye ointment in tub	1	5	0.3	1.5	0.6	3	
			Allergic Conjunctivitis	Hydrocortisone	1%-10ml	Eye drops in flac	1	2	0.5	1	1	2	
			Allergic Conjunctivitis	Sodium Cromoglicate	2%-13.5ml	Eye drops in flac	2	2	2.2	4.4	4.4	8.8	
			Total										20
Urticaria	L 50	2	Prometazine	25 mg	tab	10	10	0.6	6	1.2	12		
			Loratadine (Claritin)	10 mg	tab	10	10	0.4	4	0.8	8		
			Total									20	
Atopic Dermatitis	L 20	8	Hydrocortisone	1%-100g Topical	ointment/cream in tub.	1	8	0.5	4	1	8		
			Total									8	
Seborrheic Dermatitis	L 21	2	Ketokonazole	2%-30.0 Topical	cream in tub.	1	2	4	8	8	16		
			Total									16	
Acute Cystitis	N 30	3	Amoxicillin+Clavulanic acid	125mg+31.25/5ml	suspension 100mg flac.	1	1	2.8	2.8	5.6	5.6		
			Amoxicillin+Clavulanic acid	(250+125)mg	tab	15	15	0.38	5.7	0.76	11.4		
			Amoxicillin+Clavulanic acid	(500+125)mg	tab	15	15	0.6	9	1.2	18		
			Total									34	
Acute Tubulo-interstitial Nephritis	N 10	0.5	Sulfamethoxazole+trimetoprim (co-trim)	(240+40)mg/5ml	suspension 100ml flac	1	1	2.7	1.35	5.4	2.7		
			Sulfamethoxazole+trimetoprim (co-trim)	(400+80)mg	tab	14	7	0.1	0.7	0.2	1.4		
			Ceftriaxone	0.5 ml for injection	for injection in flac	7	4	3	10.5	6	21		
			Ceftriaxone	1.0 ml for injection	for injection in flac	7	4	5	17.5	10	35		
			Total										95
Diarrhea	A 08 - A 09	20	Oral Rehydration Salts (ORS)	27.9g/l	package	1	20	0.4	8	0.8	16		
			Total									16	
Diarrhea with inflammatory signs	A 09	4	Sulfamethoxazole+trimetoprim (co-trim)	(240+40)mg/5ml	suspension 100ml flac	1	3	2.7	8.1	5.4	16.2		
			Sulfamethoxazole+trimetoprim (co-trim)	(400+80)mg	tab	10	10	0.1	1	0.2	2		
			Total									34	
Candidiasis	B 37	2	Mikonazole or Thiokonazole	2%-30.0	Topic cream in tub.	1	2	1.5	3	3	6		
			Total									6	
Dermofitia	B 35	3	Clotrimazole	Topic 1%-50.0	cream in tub.	1	3	0.8	2.4	1.6	4.8		
			Total									5	

<sup>1</sup> Margins of pharmacies are not applied in the table



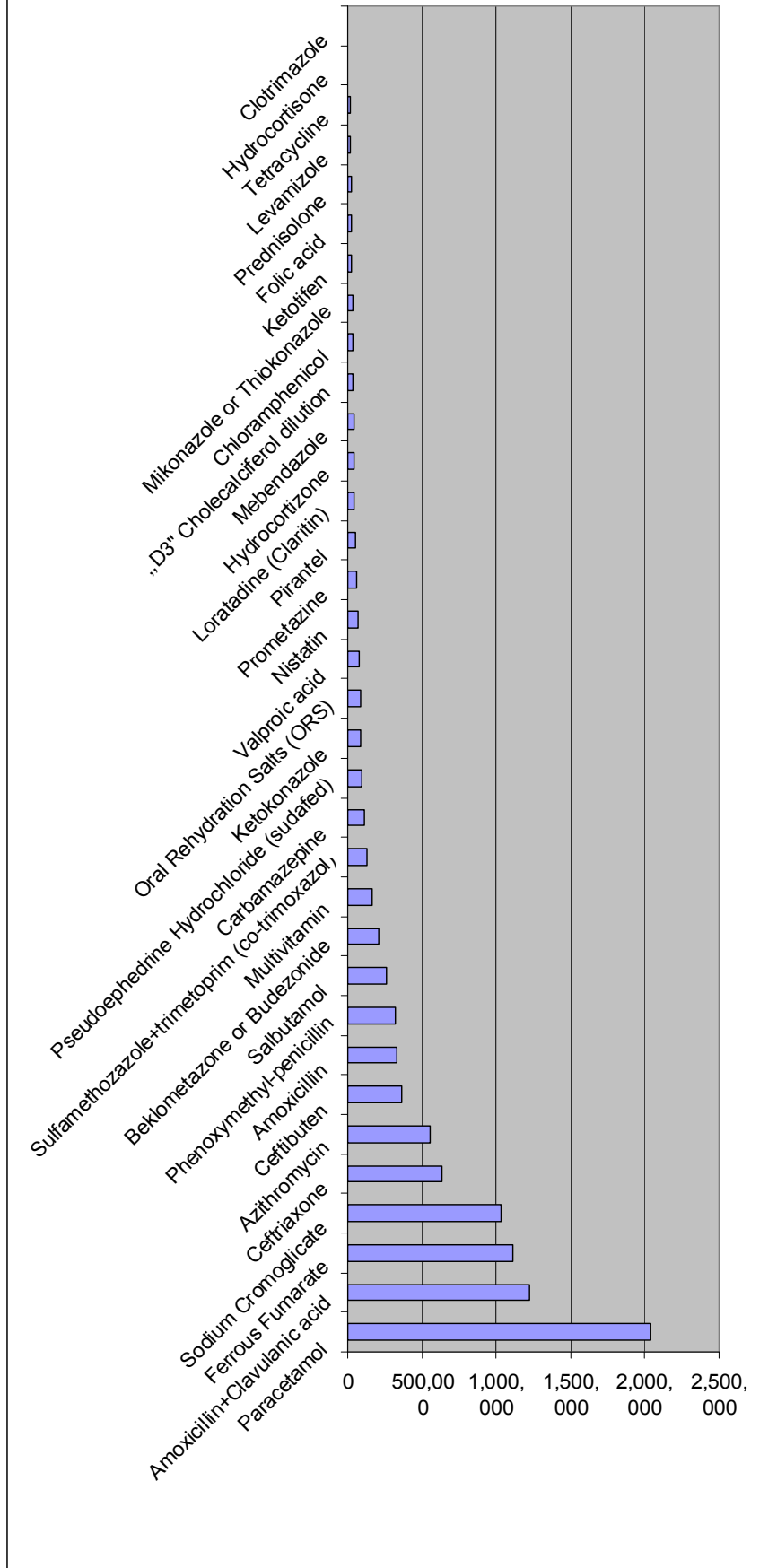
## Annex 3 Summary of positive drug list for children up to 15<sup>2</sup>

Name of drug	Costs for total population
Paracetamol	2,041,812
Amoxicillin+Clavulanic acid	1,226,635
Ferrous Fumarate	1,114,560
Sodium Cromoglicate	1,034,890
Ceftriaxone	629,520
Azithromycin	557,280
Ceftibuten	361,200
Amoxicillin	329,827
Phenoxymethyl-penicillin	319,920
Salbutamol	261,509
Beklometazone or Budezonide	206,400
Multivitamin	165,120
Sulfamethozazole+trimetoprim (co-trimoxazol)	129,000
Carbamazepine	113,520
Pseudoephedrine Hydrochloride (sudafed)	99,072
Ketokonazole	82,560
Oral Rehydration Salts (ORS)	82,560
Valproic acid	76,368
Nistatin	66,461
Prometazine	61,920
Pirantel	51,600
Loratadine (Claritin)	41,280
Hydrocortizone	41,280
Mebendazole	41,280
„D3" Cholecalciferol dilution	38,700
Chloramphenicol	30,960
Mikonazole or Thiokonazole	30,960
Ketotifen	28,896
Folic acid	27,864
Prednisolone	24,768
Levamisole	20,640
Tetracycline	15,480
Hydrocortisone	0
Clotrimazole	0

<sup>2</sup> Expenditures are in Lari annually. Margins of pharmacies (20%) are included. It is assumed 1USD=2Lari



### Total expenditures per drug for children up to 15



# Annex 4 Description of drug therapy for adults

## Hypertension I 10 – I 11

Pharmacological intervention needs about 80%

Among them:

- Monotherapy-52%
- Choosing a second drug-38%
- Choosing a third drug-10%

### 1. First line treatment:

**Beta-blokers-48%**

among them

- **Atenolol** 50mg 1 tab per day
- **Atenolol** 100mg

**Diuretics - thiazides 32%**

- **Hydrochlorothiazide** 25mg 1/2 - 1 tab per day

### 2. Choosing a second drug-38%

**Thiazides+ACE inhibitor 40%**

**Thiazides+Beta-bloker 34.5%**

**Beta-bloker+Amlodipin 20%**

- **Hydrochlorothiazide** 25mg (25mg 1 tab per day)
- **Enalapril** 10mg (25mg 3 tab per day)
- **Atenolol** 100mg 100mg 1 tab per day
- **Amlodipine** 10mg 1 tab per day
- **Amlodipine** 20mg (20 mg 1 tab per day)

### 3. Choosing a third drug-10%

Diuretics+ACE inhibitor+Calcium Channel Blocker 4%

Diuretic+Beta-bloker+Calcium Channel Blocker 4%

#### • **Beta-blockers**

**Atenolol** 100mg 1 tab per day

#### • **Calcium Channel blockers**

**Amlodipine** 10mg 1 tab per day

#### • **Thiazides**

**Hydrochlorothiazide** 25mg 1 tab per day

#### • **ACE inhibitor**

**Enalapril** 10mg (10mg 1 tab per day)

**Enalapril** 20mg (20mg 1 tab per day)

## **Stable Angina I 20**

1. Regular symptomatic treatment does not need-10%  
Required in response to pain  
• **Trinitroglycerin**-500mcg sublingual, per day 4 tab

2. Patients need regular symptomatic treatment 90%  
monotherapy 55%  
Choosing a second drug 30%

### **Monotherapy 55%**

First line therapy beta-blokers-40%

**Metoprolol 100mg** per day 1 tab

**Metoprolol 50mg** per day 1 tab

**Verapamil 80mg**-substitution monotherapy-5%

**Isosorbide dinitrate 10mg** per day 4 tab

### **Choosing a second drug 30%**

-Beta-blocker+Nitrates - 40%

-Verapamil+Nitrates - 20%

- Metoprolol 100mg 1 tab per day
- Verapamil 80mg per day 3 tab
- Isosorbide Dinitrate 10mg 4 tab per day

## **Previous myocardial infarction I 25**

- Metoprolol 100mg (secondary prevention) 1 tab per day
- Verapamil 80mg per day 3 tab
- Aspirin 100mg (secondary prevention) 1 tab per day
- Warfarin 5 mg in tab 1 tab in a day during 60 days

## **Heart Failure 2% I 50**

ACE inhibitor, need to be treated 80%

- Enalapril 20mg average dose per day 1 tab  
diuretics, (additional) avoid over diuresis

Thiazides 60%

- Hydrochlorothiazide 25mg 1 tab per day
- Frusemide 40mg (average dose per day 20-40mg), 1 tab in a day
- Spironolactone 25mg -10% average dose per day 4 tab (100-150mg)
- Digoxin 0.25mg tab 30% (atrial fibrillation, progressively worsening heart failure etc.)  
1/2-1,5 tab . average dose per day 1 tab

## **Cardiac arrhythmias I 49**

Prevalence 50% of CVD, needs to be treated 10%

(supraventricular tachycardia, atrial fibrillation, frequent ventricular extra systoles)

- Amiodarone 200mg 10% (0,6) per day 1 tab
- Warfarin 5 mg in tab 1 tab in a day during one year

## **Acute Diseases of the Respiratory Tract J 00-J 22**

- Paracetamol 500mg tab 4tab per day during 3 days

## **Tonsillitis J 04**

- Phenoxymethylpenicillin 250mg. 8 tab per day during 10 days
- Erythromycin 250mg 8 tab during 10 days

## **Otitis H 66**

- Amoxicillin +clavulanic acid (500mg+125mg) tab. 3 tab per day during 5 days

## **Sinusitis J 01**

- Amoxicillin +clavulanic acid (500mg+125mg) tab. 3 tab per day during 5 days

### **Acute bronchitis J 20**

Needs to be treated by drugs 30% (elderly, smokers, patients with chr.bronchitis and no improvement within 7 days in case of acute bronchitis)

- Amoxicillin +clavulanic acid (500mg+125mg) tab. 3 tab per day during 7 days

### **Acute Pneumonia - I 18**

- Amoxicillin +clavulanic acid (500mg+125mg) per day 3 tab during 10 days
- Azithromycin 250mg 2 caps. Per day during 3 days
- Ceftriaxone (rocepin)-1,0 (1 or 2 flac. Per day)

### **Bronchial Asthma I 45**

Prevalence by British statistics 6%, prevalence for Georgia 0,4 %. Identification of asthma will be increased, so, we calculate drug for 0.5% 5 case per 1000

#### **Mild intermittent 20%**

- Salbutamol 1dose-100mcg metered aerosol (as a symptom relief for every cases), average dose per day -1 dose (1 breath)

#### **2. mild persistent 60%**

- Salbutamol 1dose-100mcg, metered aerosol 4 dose per day
- Beclomethasone 1 dose= 50mcg metered aerosol, inhalation. average dose per day 4 dose (200mcg)

#### **3. Moderate persistent 10%**

- Salbutamol 1dose-100mcg, metered aerosol . average dose per day 8 dose
- Beclomethasone 1 dose=250mcg metered aerosol for prevention. Average dose per day 4 dose say 1000mcg (800-2000)

#### **4. Severe persistent 10%**

- Salbutamol 1dose-100mcg, metered aerosol. average dose per day 8 dose
- Beclomethasone 1 dose=250mcg metered aerosol for prevention. average dose per day 4 dose say 1000mcg (800-2000)
- Prednisolone 5mg tab average dose per day 2 tab (10mg)

#### **5. Acute cases and exacerbation**

- Prednisolone 5mg tab average dose per day 8 tab-40mg, short courses 7 days

### **Chronic obstructive pulmonary disease J-44**

- Salbutamol 1dose-100mcg, metered aerosol (symptom relief) average dose per day 4 dose
- Teophyllin tab 300mg average dose per day 2 tab during 1 months in a year different times
- Prednisolone 5mg tab course 2 weeks, average dose per day 30mg-6 tab
- Beclomethasone 1 dose=250mcg metered aerosol average dose per day 4 dose (1000mcg)

In every case of exacerbation twice in a year

- Amoxicillin +clavulanic acid (500mg+125mg) 3 tab per day during 7 days

### **Chronic Bronchitis J 41**

exacerbation in average twice in a year

- Amoxicillin +clavulanic acid (500mg+125mg) 3 tab per day during 7 days

### **Dyspepsia K 30**

1. Patients who are not known to have ulcer and alarm symptoms and signs, could be recommended to receive simple antacids short course-1 week.

- Aluminium hydroxide 500mg tab, average dose per day 10 tab (2 tab 5 times in a day)

If it is not response after initial symptoms, it is recommended to prescribe **h.pylori** eradication therapy, antisecretory therapy by H2-blockers and/or proton pump inhibitors:

- Ranitidine 150mg tab, average dose per day 2 tab (800mg), initial course 4 weeks

2. H.Pylori eradication therapy - Gastric and duodenal ulcer during 7 days

- Omeprazole 20mg tab, average dose per day 40mg-2 tabs
- Amoxicillin-500mg average dose per day 3 tab
- Metronidazol-500mg average dose 2 tab per day

### **Simple Constipation K 59**

- Senna 7,5 mg sennosides tab 2 tab once in a day during 3 months when it is necessary.
- Bisakodyl 10mg suppositories needs to be treated in average during 90 days in a year

### **Anorectal conditions K 62**

- Anusol suppositories average dose per day 3 supp. during 7 days in average 2 exacerbation in a year

## **Urinary Tract Infectious Disease**

### **Acute Tubulo-interstitial Nephritis N10**

### **Acute Cystitis N30**

### **Prostatitis N41**

- Ciprofloxacin 500mg tab Average dose per day 2 tab during 14 days
- Amoxycillin+clavulanic acid (500mg+125mg) tab average dose per day 3 tab during 14 days

### **Poliosteoarthritis M 15, Rheumatoid arthritis M 06**

- Ibuprofen 200mg tab. average dose per day 3 tab during 10 days in average exacerbation 3 times in a year

### **Gout M 10**

- Ibuprofen 200mg tab, average dose per day 6 tab, during 1 month after exacerbation (attack) during 30 days in average once in a year
- Allopurinol 100mg tab average dose per day 4 tab during 4 months.

### **Polymyalgia Rheumatica M 79**

- Prednisolone-5mg initial dose 10-20-mg during 1 months, maintenance therapy 5-10mg during 1 year. Average dose per day 10mg-2 tab

### **Giant-cell Arteritis I 68**

- Prednisolone-5mg (initial dose 20-40-mg during 2 months, maintenance therapy 5-10mg during 1 year. Average dose per day 10mg-2 tab.

### **Back Pain M 54**

- Ibuprofen 200mg - average dose per day 6 tab during 1 months
- Diclofenac 75mg amp. 1 amp. Once in a day during 3 days
- Diclofenac 50mg in tab. 1 tab 3 times in a day during 7 days

### **Osteoporosis M 81**

- Calcium D3 in tab, average dose per day 1 tab

## **Diabetes Mellitus**

### **Insulin-Dependent Type I E 10**

Average dose of insulin per day per patient is 50units.

1/3-16,7 unit short acting and 2/3-33,3-long acting insulin

- Human Actrapid, soluble insulin, injection. 40 units/ml or 400 units in 10 ml. 16,

Short-acting form of insulin, for maintenance regimens it is usual to inject it 15 to 30 minutes before meals.

- Human Insulatard, injection, 40 units/ml, long-acting. 33.3

### **Non-Insulin Dependent Type II E 11**

- Glibenclamide-5mg tab, average dose per day 3 tab
- Metformin 500mg tab (for the overweight) average dose 3 tab
- Gliclazide MR in tabs 3 tab in a day

### **Pituitary Diabetes Insipidus E 23**

- Desmopressin, intranasal inhaler. dose per day 10-40 microgram, average dose per day 30mcg-3 inhalation.

## **Headache R 51**

Among them Migraine 10% **G 43**

- Paracetamol-500mg tab, average dose per day 2 tab once in a month (acute episodes 1-2 in a month)
- Ergotamine tart rate 1mg tab average dose 12 tabs in a week (acute episode 1 in a month)
- Propranolol 10mg tab for prevention average dose per day 3 tab, during 6 months

## **Depression F 32-F 33**

80% minor depression, 10% of patients need to be referred to the specialist only 10% needs to be treated by GPs with oral drugs..

- Amitriptyline 25mg tab, Average dose per day 125-150mg, 6 tab during 6 months
- Fluoxetine-20mg tab, average dose per day 1 tab during 6 months
- Thianeptine (Coaxil) 12.5 mg in tab. 3 tabs in a day during 6 months

## **Epilepsy G 40**

- Carbamazepin 200mg tab Average dose per day 4 tabs (800mg)

**Parkinson's Disease G 20**

For the new patient

- Levodopa+Carbidopa (100mg+10mg) initial dose 50mg, increased in every 3 days by 50mg up to 750mg for 1 patient 160 tab
- Average dose per day (250mg+25mg) – 3 tab

**Malignant Disease C 00 – C 97**

- Paracetamol-500mg tab, average dose per day 8 tab during about 30 days
- Ibuprofen 400mg, average dose per day 6 tab, during 30 days
- Codeine Phosphate 60mg in tab. 6 tabs in a day during 30 days

**Palliative care and pain control**

- Morphine sulphate 10mg tab. average dose per day 4 tab. In average during 4 months
- Morphine sulphate 30mg tab. average dose per day 3 tabs per day, in average during 4 months.
- Morphine hydrochloride 1%-1,0 in ampoules. average dose per day 4 ampoules, during 4 months

**Amoebiasis A 06**

- Metronidazole-200mg tab. Average dose per day 12 tab (4 tab 3 times in a day) during 5 days

**Iron Deficiency Anemia D 50**

- Ferro grad 60mg tab average dose per day 1 tab once in a day, during 4 months

**Disorders of thyroid gland functions****1. Hyperthyroidism E 05**

- Propylthiouracil –50mg tab (average dose per day 300-600mg during 3-6 weeks. maintenance therapy 50-100mg. 2 tab per day
- Levothyroxin-100mg tab. Average dose per day 1 tab to avoid strumogenic effect

**2. Hypothyroidism E 03**

- Levothyroxin--100mg tab. Average dose per day 1 tab

**Prenatal and antenatal period for prevention**

- Folic acid-1mg tab (average dose per day 200-500 micrograms) 1/2 tab during 3 months
- Folic acid- 5mg tab 2 patients need to be treated with anemia, average dose 1 tab in a day during 4 months.

**Sexually Transmitted Diseases A 50-A 64****1. Bacterial Vaginosis A 63**

- Metronidazole-200mg tab average dose per day 4 tab during 5 days

**2. Candidiasis (vaginitis) A 63**

- Clotrimazole 200mg pessary, average dose 1-3 night
- Fluconazole 50mg tab average dose 3 tab (150mg)

**3. Trichomoniasis A 59**

- Metronidazole-500mg tab. Average dose 4 tab per day during 5 days

**4. Clamidal vaginitis A 56**

- Doxycycline 100mg tab average dose per day 2 tab during 7 days

**Acute Conjunctivitis H 10****1. Bacterial conjunctivitis**

- Cloramphenicol 0,3% 10 ml. Eye drops
- Tetracycline 1% eye oint

**2. Allergic conjunctivitis**

- Dexametazone eye drops (short course) during 1 week

**Cerebro-Vascular Syndrome G 46****Vegeto-disorders H 81**

- Cinarizin 25mg average dose 3 tab in a day during 1 months
- Vinpocetin 5mg (Cavinton) average dose per day 3 tabs. during 1 months

**Helminthosis B 65-80****Ascariidosis B 77, Enterobiosis B 80**

- Levamisole (Decaris) 150mg single dose
- Mebendazol (Vermox) 100mg twice in a day during 3 days

## **Skin Diseases**

### **1. Herpes Zoster B 02**

- Acyclovir tab 200mg 4 tabs 5-times in a day during 7 days. Average dose per day 20 tab
- Acyclovir 5% cream 2 tub

### **2. Urticaria L 50**

- Loratidine (Claritin) 10mg tabs. 1 tab once in a day

### **3. Dermatitis L 20-L30**

- Hydrocortisone 1%-100 tub ointment and/or cream

### **4. Impetigo L 01**

- Ciprofloxacin-500mg average dose per day 2 tab, during 5 days
- Erythromycin 250mg average dose per day 8 tab during 5 days

### **5. Skin infections ( folliculitis etc.) L 08**

- Phenoxymethyl-penicillin-250mg (2 tab 4-times) average dose per day 8 tab, during 10 days

### **6. Candidiasis B 37 Dermophyte infections B 35**

- Mikonazole 2% cream
- Clotrimazole 1% cream topical

## **Disorders of Menopause N 95**

- Conjugated estrogen 625 micrograms 14 tabs + Medroxyprogesterone Acetate 10mg 14 tabs from the first day of menstrual cycle during 12 months

### **patients with hysterectomy**

- Estadiol 25 micrograms/24 hours, (Estraderm) patches 1 patch twice in a week, during 12 months
- Conjugated estrogen 625 micrograms, tab. 1 tab daily, during the year
- Oestradiol 25micrograms vaginal tablets for vaginal symptoms, daily for two weeks. And then twice weekly, with reassessment every 3 months. In average 6 months in a year

## **Contraception Z 71**

- Barrier methods

The intrauterine contraceptive device (included for changing every 3-5years)

Condoms

- Hormonal contraception ("the Pill)

Combined Oral Contraceptives

- Levonorgestrel 150 micrograms+Ethinylestradiol 30 micrograms tabs. 21 tabs-1 pack.

- 1 pack. Consists of:

Ethinylestradiol 30micrograms, Levonorgestrel 50 micrograms-6 tabs+

Ethinylestradiol 40micrograms, Levonorgestrel 75 micrograms-5 tabs+

Ethinylestradiol 30micrograms, Levonorgestrel 125 micrograms-10 tabs

### **Progesterone Only Pills**

- Levonorgestrel 30 micrograms tabs.

Emergency (postcoital) contraception

- Levonorgestrel 750 micrograms tabs 2 tabs per woman.

# Annex 5 Prevalence and cost data for drugs for adults<sup>3</sup>

Disease (Health problem) For which indicated the drug	ICD-10 Code of health problem	Quantity of cases per one year per 1000 population	name of drug (Generic)	Dosage of drug used	Form and strength	Quantity of drug used for a standard course of treatment	Total Quantity	Wholesale price in USD	Total sum of wholesale price in USD	Wholesale price in lari	Total sum of wholesale price in lari
<b>Hypertension</b>	I 10 - I 11										
<b>1. First line treatment:</b>			<b>Beta-blockers</b>								
		10	Atenolol	50 mg	tab	365	3650	0.03	109.5	0.06	219
		14	Atenolol	100 mg	tab	365	8110	0.05	255.5	0.1	511
			<b>Diuretics - thiazides</b>								
		26	Hydrochlorothiazide	25 mg	tab	365	9490	0.05	474.5	0.1	949
<b>2. Choosing a second drug</b>			<b>Hydrochlorothiazide</b>								
		28.8	Hydrochlorothiazide	25 mg	tab	365	10512	0.05	525.6	0.1	1051.2
		17	Enalapril	10 mg	tab	365	6205	0.09	558.5	0.18	1116.8
		14.4	Atenolol	100 mg	tab	365	8256	0.05	282.8	0.1	525.6
		2.2	Amlodipine	10 mg	tab	365	803	0.06	48.2	0.12	96.4
		5	Amlodipine	20 mg	tab	365	1825	0.09	164.3	0.18	328.5
<b>3. Choosing a third drug</b>			<b>Atenolol</b>								
		4	Atenolol	100 mg	tab	365	1480	0.05	73	0.1	146
		10	Amlodipine	10 mg	tab	365	3650	0.06	219	0.12	438
		10	Hydrochlorothiazide	25 mg	tab	365	3650	0.05	182.5	0.1	365
		2	Enalapril	10 mg	tab	365	730	0.09	65.7	0.18	131.4
		4	Enalapril	20 mg	tab	365	1460	0.12	175.2	0.24	350.4
<b>Stable Angina</b>	I 20										
Required in response to pain monotherapy/			<b>Trinitroglycerin</b>								
		20	Trinitroglycerin	500 mg	tab	1460	29200	0.01	292	0.02	584
		5	Metoprolol	100 mg	tab	365	1825	0.09	164.3	0.18	328.5
		3	Metoprolol	50 mg	tab	365	1095	0.06	65.7	0.12	131.4
		1	Verapamil	80 mg	tab	1095	1095	0.06	65.7	0.12	131.4
		2	Isosorbide dinitrate	10 mg	tab	1460	2920	0.01	29.2	0.02	58.4
choosing a second drug			<b>Metoprolol</b>								
		4	Metoprolol	100 mg	tab	365	1460	0.09	131.4	0.18	262.8
		2	Verapamil	80 mg	tab	1095	2190	0.06	131.4	0.12	262.8
		6	Isosorbide dinitrate	10 mg	tab	1460	8760	0.01	87.6	0.02	175.2
<b>Previous myocardial infarction</b>	I 25		<b>Metoprolol</b>								
		4.8	Metoprolol	100 mg	tab	365	1752	0.09	157.7	0.18	315.4
		0.3	Verapamil	80 mg	tab	1095	329	0.06	20	0.12	39.4
		48	Aspirin	100 mg	tab	365	17520	0.14	2452.8	0.28	4905.6
		2	Warfarin	5 mg	tab	60	120	0.2	24	0.4	48
<b>Heart Failure</b>	I 50		<b>Enalapril</b>								
		16	Enalapril	20 mg	tab	365	5840	0.12	700.8	0.24	1401.6
		12	Hydrochlorothiazide	25 mg	tab	365	4380	0.05	219	0.1	438
		6	Furosemide	40 mg	tab	182	1092	0.03	32.8	0.06	65.52
		2	Spironolactone	25 mg	tab	1460	2920	0.06	175.2	0.12	350.4
		6	Digoxin	0.25 mg	tab	265	1590	0.03	47.7	0.06	95.4
<b>Cardiac arrhythmias</b>	I 49		<b>Amiodarone</b>								
		0.6	Amiodarone	200 mg	tab	180	108	0.13	14	0.26	28.1
		1	Warfarin	5 mg	tab	365	365	0.02	73	0.4	146
<b>Acute Diseases of the Respiratory Tract</b>	J 00-J 22		<b>Paracetamol</b>								
		210	Paracetamol	500 mg	tab	12	2520	0.01	25.2	0.02	50.4
<b>Tonsillitis</b>	J 04		<b>Phenoxymethyl-Penicillin</b>								
		7.6	Phenoxymethyl-Penicillin	250 mg	tab	80	608	0.24	145.9	0.48	291.8
		0.8	Erythromycin	250 mg	tab	80	64	0.15	9.6	0.3	19.2
<b>Otitis</b>	H 66		<b>Amoxicillin+Clavulanic Acid</b>								
		8.4	Amoxicillin+Clavulanic Acid	500 mg*125 mg	tab	15	126	0.6	75.6	1.2	151.2
<b>Sinusitis</b>	J 01		<b>Amoxicillin+Clavulanic Acid</b>								
		4.2	Amoxicillin+Clavulanic Acid	500 mg*125 mg	tab	15	63	0.6	37.8	1.2	75.6
<b>Acute bronchitis</b>	J 20		<b>Amoxicillin+Clavulanic Acid</b>								
		14	Amoxicillin+Clavulanic Acid	500 mg*125 mg	tab	21	294	0.6	176.4	1.2	352.8
<b>Acute Pneumonia</b>	I 18		<b>Amoxicillin+Clavulanic Acid</b>								
		1.4	Amoxicillin+Clavulanic Acid	500 mg*125 mg	tab	30	42	0.6	25.2	1.2	50.4
		5.6	Azithromycin	250 mg	tab	6	34	4	134.4	8	268.8
		2.1	Ceftriaxone (rocephin)	1	flac.	10	21	5	105	10	210
<b>Bronchial Asthma</b>	I 45		<b>Salbutamol</b>								
Mild intermittent			Salbutamol	1 dose - 100mcg	metered aerosol	2	2	1.8	3.6	3.6	7.2
		1	Salbutamol	1 dose - 100mcg	metered aerosol	7	21	1.8	37.8	3.6	75.6
		3	Beclomethasone	1 dose - 50mcg	metered aerosol	7.2	18	4	72	8	144
Moderate persistent			Salbutamol	1 dose - 100mcg	metered aerosol	14	7	1.8	12.6	3.6	25.2
		0.5	Beclomethasone	1 dose - 100mcg	metered aerosol	8	4	10	40	20	80
Severe persistent			Salbutamol	1 dose - 100mcg	metered aerosol	14	7	1.8	12.6	3.6	25.2
		0.5	Beclomethasone	1 dose - 100mcg	metered aerosol	8	4	10	40	20	80
		0.5	Prednisolone	5 mg	tab	730	365	0.03	11	0.06	21.9
Acute cases and exacerbation			Prednisolone	5 mg	tab	56	784	0.03	23.5	0.06	47.0
<b>Chronic obstructive pulmonary disease</b>	J 44		<b>Salbutamol</b>								
		10	Salbutamol	1 dose - 100mcg	metered aerosol	7.3	73	1.8	131.4	3.6	262.8
		10	Theophylline	300 mg	tab	60	600	0.03	18	0.06	36
		2	Prednisolone	5 mg	tab	84	168	0.03	5	0.06	10.1
		2	Beclomethasone	1 dose - 100mcg	metered aerosol	3.5	7	10	70	20	140
In every case of exacerbation twice in a year			<b>Amoxicillin+Clavulanic Acid</b>								
		7	Amoxicillin+Clavulanic Acid	500 mg*125 mg	tab	42	294	0.6	176.4	1.2	352.8
<b>Chronic Bronchitis</b>	J 41		<b>Amoxicillin+Clavulanic Acid</b>								
		7	Amoxicillin+Clavulanic Acid	500 mg*125 mg	tab	42	294	0.6	176.4	1.2	352.8
<b>Dyspepsia</b>	K 30		<b>Aluminium Hydroxide</b>								
		90	Aluminium Hydroxide	500 mg	tab	70	6300	0.03	189	0.06	378
		60	Ranitidine	150 mg	tab	60	3600	0.08	288	0.16	576
		10	Omeprazole	20 mg	tab	14	140	0.08	11.2	0.16	22.4
		10	Amoxicillin	500 mg	tab	21	210	0.15	31.5	0.3	63
		10	Metronidazole	500 mg	tab	14	140	0.03	4.2	0.06	8.4
<b>Simple Constipation</b>	K 59		<b>Senna</b>								
		90	Senna	7.5 mg	tab	40	3600	0.01	36	0.02	72
		5	Bisacodyl	10 mg	supp.	90	450	0.27	121.5	0.54	243
<b>Anorectal conditions</b>	K 62		<b>Anusol suppositories</b>								
		10	Anusol suppositories		supp.	42	420	0.05	21	0.1	42
<b>Urinary Tract Infectious Disease</b>			<b>Ciprofloxacin</b>								
Acute Tubulo-interstitial Nephritis	N10		Ciprofloxacin	500 mg	tab	28	980	0.15	147	0.3	294
Acute Cystitis	N30		Amoxicillin+Clavulanic Acid	500 mg*125 mg	tab	42	420	0.6	252	1.2	504
Prostatitis	N41										
		35									
		10									
<b>Poliosteoarthritis</b>	M 15										
Rheumatoid arthritis	M 06		<b>Ibuprofen</b>								
		102	Ibuprofen	200 mg	tab	90	9180	0.05	459	0.1	918
<b>Gout</b>	M 10		<b>Ibuprofen</b>								
		2	Ibuprofen	200 mg	tab	180	360	0.05	18	0.1	36
		2	Allopurinol	100 mg	tab	480	960	0.03	28.8	0.06	57.6
<b>Polyomyalgia Rheumatica</b>	M 79		<b>Prednisolone</b>								
		3	Prednisolone	5 mg	tab	730	2190	0.03	65.7	0.06	131.4
<b>Giant-cell Arteritis</b>	I 68		<b>Prednisolone</b>								
		2	Prednisolone	5 mg	tab	730	1460	0.03	43.8	0.06	87.6
<b>Back Pain</b>	M 54		<b>Ibuprofen</b>								
		33	Ibuprofen	200 mg	tab	180	5940	0.05	297	0.1	594
		20	Diclofenac	75 mg	amp	3	60	0.1	6	0.2	12
		10	Diclofenac	50 mg	tab	21	210	0.25	52.5	0.5	105
<b>Osteoporosis</b>	M 81		<b>Calcium D3</b>								
		20	Calcium D3		tab	365	7300	0.12	876	0.24	1752

<sup>3</sup> Margins of pharmacies are not applied in the table



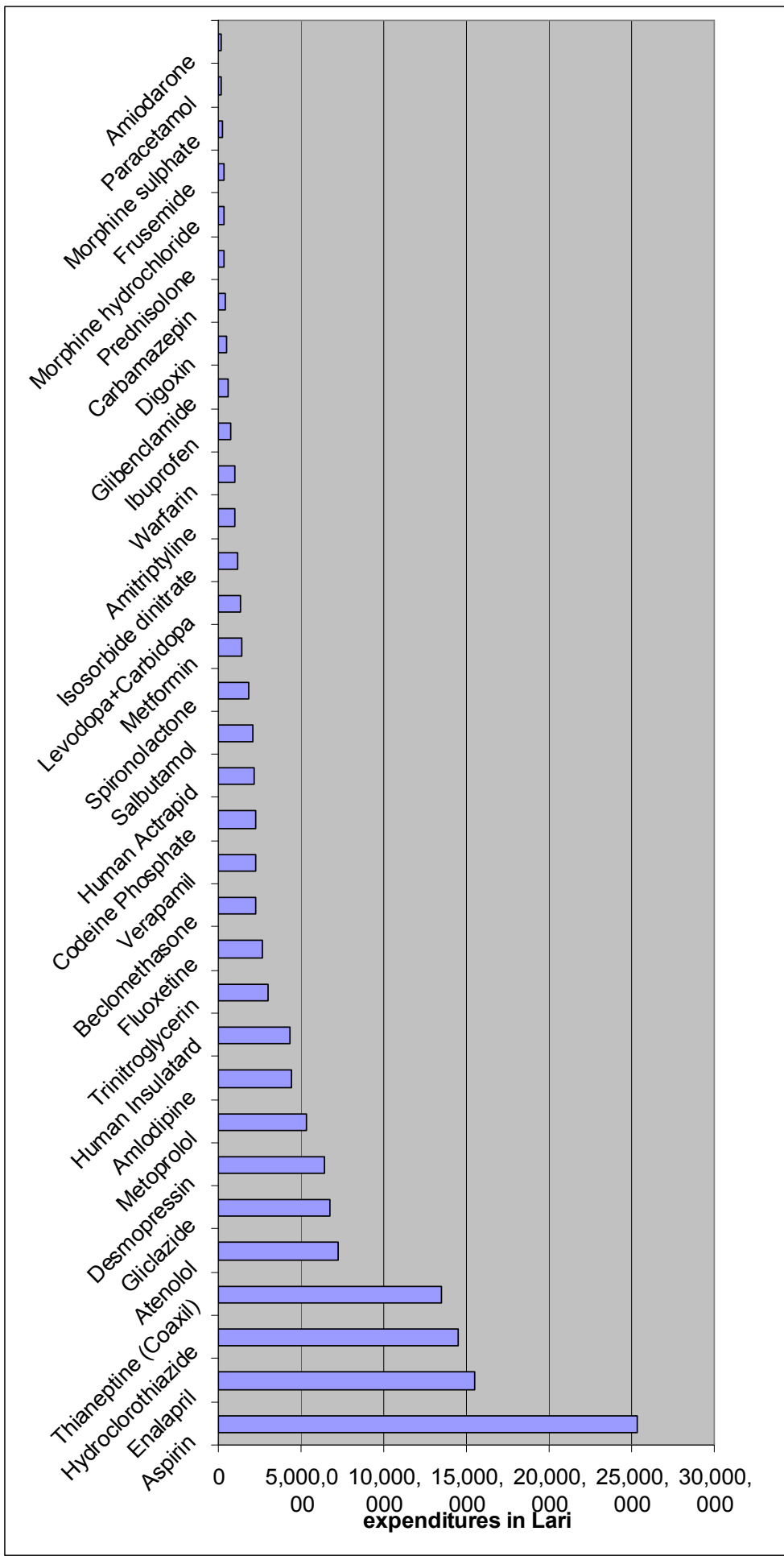
Diabetes Mellitus										
Insulin-Dependent Type I										
E 10	3.2	Human Actrapid, soluble insulin	40 units/ml or 400 units in 10 ml	injection	15.3	49	4.3	210.5	8.6	421.1
	3.2	Human Insulatard	40 units/ml	injection	30.4	97	4.3	418.3	8.6	836.6
Non-insulin Dependent Type II										
E 11	5	Glibenclamide	5mg	tab	1095	5475	0.01	54.8	0.02	109.5
	1.5	Metformin	500mg	tab	1095	1752	0.08	140.2	0.16	280.3
	10	Gliclazide MR		tab	1095	10950	0.06	657	0.12	1314
Pituitary Diabetes Insipidus										
E 23	0.5	Desmopressin	10 mcg	intranasal inhaler	104	52	12	624	24	1248
Headache										
R 51	10	Paracetamol	500 mg	tab	24	240	0.01	2.4	0.02	4.8
	10	Ergotamin tartrate	1 mg	tab	144	1440	0.2	288	0.4	576
	10	Propranolol	10 mg	tab	552	5520	0.01	55.2	0.02	110.4
Depression										
F 32-F 33	3	Amitriptyline	25 mg	tab	1092	3276	0.03	98.3	0.06	196.6
	2	Fluoxetine	20 mg	tab	182	364	0.7	254.8	1.4	509.6
	3	Thianeptine (Coaxil)	12.5 mg	tab	546	1638	0.8	1310.4	1.6	2820.8
Epilepsy										
G 40	0.25	Carbamazepin	200 mg	tab	1460	365	0.1	36.5	0.2	73
Parkinson's Disease										
G 20	0.4	Levodopa+Carbidopa	250 mg + 25 mg	tab	1095	438	0.29	127	0.58	254
Malignant Disease										
C 00 - C 97	8	Paracetamol	500 mg	tab	240	1920	0.01	19.2	0.02	38.4
	30	Ibuprofen	400 mg	tab	48	1440	0.05	72	0.1	144
	30	Codeine Phosphate	60 mg	tab	48	1440	0.15	216	0.3	432
	0.13	Morphine sulphate	10 mg	tab	480	62	0.02	1.2	0.04	2.5
	0.51	Morphine sulphate	30 mg	tab	360	323	0.07	22.9	0.14	45.9
	0.26	Morphine hydrochloride	1%-1.0	amp.	480	125	0.27	33.7	0.54	67.4
Amoebiasis										
A 06	25	Metronidazole	500 mg	tab	60	1500	0.03	45	0.06	90
Iron Deficiency Anaemia										
D 50	2	Ferrograd	60 mg	tab	120	240	0.15	36	0.3	72
Disorders of thyroid gland functions										
1. Hyperthyroidism										
E 05	2	Propylthiouracil	50 mg	tab	730	1460	0.1	146	0.2	292
	2	Levothyroxin	100 mg	tab	365	730	0.02	14.6	0.04	29.2
2. Hypothyroidism										
E 03	2	Levothyroxin	100 mg	tab	365	730	0.02	14.6	0.04	29.2
Prenatal and antenatal period for prevention										
	8	Folic acid	1 mg	tab	45	360	0.02	7.2	0.04	14.4
	2	Folic acid	1 mg	tab	160	320	0.03	9.6	0.06	19.2
Sexually Transmitted Diseases										
1. Bacterial Vaginosis										
A 50-A 64	A 63	Metronidazole	500 mg	tab	20	240	0.03	7.2	0.06	14.4
2. Candidiasis (vaginits)										
A 63	9	Clotrimazole	200 mg	pessary	3	27	0.13	3.5	0.26	7
	5	Fluconazole	50 mg	tab	3	15	5	75	10	150
3. Trichomoniasis										
A 59	6	Metronidazole	500 mg	tab	20	120	0.03	3.6	0.06	7.2
4. Clamidal vaginitis										
A 56	3	Doxycycline	100 mg	tab	14	42	0.37	15.5	0.74	31.1
Acute Conjunctivitis										
1. Bacterial conjunctivitis										
H 10	20	Cloramphenicol	0.3%-10 ml	eye drops-flac.	1	20	0.3	6	0.6	12
	25	Tetracycline	1%	eye oint. tub	1	25	0.3	7.5	0.6	15
2. Allergic conjunctivitis										
	20	Dexametazone	eye drops	flac.	1	20	0.5	10	1	20
Cerebro-Vascular Syndrom										
Vegeto-disorders										
G 46	30	Cinnarizin	25 mg	tab	90	2700	0.03	81	0.06	162
H 81	40	Vinpocetin	5 mg	tab	90	3600	0.08	288	0.16	576
Helminthosis										
Ascariasis										
B 65-80	B 77	Levamisole (Decaris)	150 mg	tab	1	10	0.5	5	1	10
Enterobiasis										
B 80	10	Mebendazole (Vermox)	100 mg	tab	6	60	0.4	24	0.8	48
Skin Diseases										
1. Herpes Zoster										
B 02	3	Aciclovir	200 mg	tab	140	420	0.83	348.6	1.66	697.2
	3	Aciclovir	5% cream	tub-topical	2	6	7	42	14	84
2. Urticaria										
L 50	10	Loratidine	10 mg	tab	10	100	0.4	40	0.8	80
3. Dermatitis										
L 20-L30	100	Hydrocortisone	1%-100 tub	ointment and/or cream	1	100	0.5	50	1	100
	2	Ciprofloxacin	500 mg	tab	10	20	0.15	3	0.3	6
	2	Erythromycin	250 mg	tab	40	80	0.15	12	0.3	24
4. Impetigo										
L 01	2	Phenoxymethyl-Penicillin	250 mg	tab	80	160	0.24	38.4	0.48	76.8
5. Skin infections ( folliculitis etc.)										
L 08	2	Mikonazole	2% cream	tub-topical	1	20	1.5	30	3	60
	20	Clotrimazole	1% cream	tub-topical	1	20	0.8	16	1.5	32
6. Candidiasis										
B 37	20	Mikonazole	2% cream	tub-topical	1	20	1.5	30	3	60
B 35	20	Clotrimazole	1% cream	tub-topical	1	20	0.8	16	1.5	32
7. Dermophyte infections										
Disorders of Menopause										
N 95	10	Conjug.oestrogen + Medroxyprogesterone Acetate	625 mcg+10 mg	pack.	12	120	0.5	60	1	120
	3	Estraderm	25 mcg/24 hours	patches	96	288	0.65	187.2	1.3	374.4
	2	Conjugated oestrogen	625 mcg	tab	365	730	0.2	146	0.4	292
	2	Estradiol	25 mcg	vaginal tabs	38	76	0.65	49.4	1.3	98.8
Contraception										
• Barrier methods										
	20	The intrauterine contraceptive device		device	0.25	5	6	30	12	60
	60	Condoms			120	7200	0.09	648	0.18	1296
• Hormonal contraception (the Pill)										
Combined Oral Contraceptives										
	5	Levonorgestrel+Ethinyloestradiol	150 mcg + 30 mcg	pack.	12	60	2.2	132	4.4	264
	12	Ethinylestradiol , Levonorgestrel - 6 tab	30mcg+50mcg	pack.	12	144	3	432	6	864
	x	Ethinylestradiol , Levonorgestrel - 5 tab	40mcg+ 75mcg							
	x	Ethinylestradiol , Levonorgestrel -10 tab	30mcg+ 125mcg							
Progesteron Only Pills										
	3	Levonorgestrel	30 mcg	tabs	365	1095	0.2	219	0.4	438
Emergency (postcoital) contraception										
	1	Levonorgestrel	750 mcg	tabs	2	2	0.26	0.52	0.52	1

## Annex 6 Summary of positive drug list for adults<sup>4</sup>

### Option 1 – shorter list of drugs

Name of drug	Costs for total population
Aspirin	25,312,896
Enalapril	15,481,548
Hydrochlorothiazide	14,464,512
Thianeptine (Coaxil)	13,523,328
Atenolol	7,232,256
Gliclazide	6,780,240
Desmopressin	6,439,680
Metoprolol	5,356,390
Amlodipine	4,452,358
Human Insulatard	4,316,897
Trinitroglycerin	3,013,440
Fluoxetine	2,629,536
Beclomethasone	2,291,040
Verapamil	2,237,479
Codeine Phosphate	2,229,120
Human Actrapid	2,172,649
Salbutamol	2,043,360
Spirolactone	1,808,064
Metformin	1,446,451
Levodopa+Carbidopa	1,310,846
Isosorbide dinitrate	1,205,376
Amitriptyline	1,014,250
Warfarin	1,001,040
Ibuprofen	743,040
Glibenclamide	565,020
Digoxin	492,264
Carbamazepin	376,680
Prednisolone	355,730
Morphine hydrochloride	347,743
Fruzemide	338,083
Morphine sulphate	249,538
Paracetamol	198,144
Amiodarone	144,893

<sup>4</sup> Expenditures are in Lari annually. Margins of pharmacies (20%) are included. It is assumed 1USD=2Lari



## Option 2 – full list of drugs

Name of drug	Costs for total population
Aspirin	25,312,896
Enalapril	15,481,548
Hydrochlorothiazide	14,464,512
Thianeptine (Coaxil)	13,523,328
Amoxicillin+Clavulanic Acid	9,492,336
Calcium D3	9,040,320
Ibuprofen	8,730,720
Atenolol	7,232,256
Gliclazide	6,780,240
Condoms	6,687,360
Desmopressin	6,439,680
Metoprolol	5,356,390
Vinpocetin	4,458,240
Combined oral pills	4,458,240
Amlodipine	4,452,358
Human Insulatard	4,316,897
Aciclovir	4,030,992
Trinitroglycerin	3,013,440
Ranitidine	2,972,160
Ergotamin tartrate	2,972,160
Fluoxetine	2,629,536
Beclomethasone	2,291,040
Levonorgestrel	2,265,446
Verapamil	2,237,479
Codeine Phosphate	2,229,120
Human Actrapid	2,172,649
Salbutamol	2,043,360
Aluminium Hydroxide	1,950,480
Estradiol	1,931,904
Phenoxymethyl-Penicillin	1,902,182
Spirolactone	1,808,064
Ciprofloxacin	1,548,000
Prednisolone	1,537,783
Propylthiouracil	1,506,720
Conjugated oestrogen	1,506,720
Metformin	1,446,451
Azithromicin	1,387,008
Levonorgestrel +Ethinylestradiol	1,362,240
Levodopa+Carbidopa	1,310,846
Bisakodyl	1,253,880
Isosorbide dinitrate	1,205,376
Ceftriaxone (rocepin)	1,083,600
Amitriptyline	1,014,250
Warfarin	1,001,040
Cinnarizin	835,920
Fluconazole	774,000
Diclofenac	696,600
Metronidazole	619,200
Conjugated oestrogen +	619,200
Propranolol	569,664

Glibenclamide	565,020
Hydrocortisone	516,000
Oestradiol	509,808
Digoxin	492,264
Paracetamol	482,976
Loratidine	412,800
Carbamazepin	376,680
Senna	371,520
Ferrograd	371,520
Morphine hydrochloride	347,743
Frusemide	338,083
Amoxicillin	325,080
Mikonazole	309,600
The intrauterine contraceptive device	309,600
Levothyroxin	301,344
Allopurinol	297,216
Morphine sulphate	249,538
Mebendazole (Vermox)	247,680
Erythromycin	222,912
Anusol suppositories	216,720
Clotrimazole	201,343
Theophylline	185,760
Folic acid	173,376
Doxycycline	160,373
Amiodarone	144,893
Omeprazole	115,584
Dexametazone	103,200
Tetracycline	77,400
Cloramphenicol	61,920
Levamisole (Decaris)	51,600
Medroxyprogesterone Acetate	0
Ethinylestradiol+Levonorgestrel	0

## Annex 7 Emergency set of drugs and medical materials for PHC according the current law<sup>5</sup>

<i>Medical supplies</i>		Single practice	
Item	Price	Number	Annual costs
<b>Drugs</b>	0	0	0
	0	0	0
Sol.Corglicon 0.06%-1.0 amp.	1.35	2	2.7
Sol. Dibazolom 1%-5.0 amp	0.13	5	0.65
Benzylpenicilin sodium 500000 flac.	1.5	2	3
Gentamicin fl.	0.18	2	0.36
Sol.Levomicetin suqcinadi 1 ml flac.	1	1	1
Sol.Pipolfen 2.5% amp.	0.5	2	1
Sol.Suprastin 2% amp.	0.95	2	1.9
Sol.Ac. Nicotinici 1%-1.0 amp.	0.5	2	1
Sol.Aminazin 2.5%-1.0 amp.	1	2	2
Sol.Analgin 25%-2.0 amp.	0.1	5	0.5
Sol.Ephedrin 5%-10.0 amp.	1	3	3
Alupent aerzoli 1 baloon	13	1	13
Sol.Hydrocortisone acetatae 125mg suspenzia - fl.	3	1	3
Sol.Prednizolon 30mg - 1.0 amp	0.9	2	1.8
Sol.No-spa 2%-2.0 amp	0.75	5	3.75
Sol.Adrenalin 0.1%-1.0 amp	0.65	2	1.3
Sol. Euphyllin 2,4% 10.0 amp.	1.75	2	3.5
Sol. Euphyllin - 24% 1.0 amp.	0.75	2	1.5
Sol.Magnesium sulfate 25%-10.0 amp.	0.95	5	4.75
Sol.Lidocaine Hydrochloride 1% 1.0 amp.	0.4	4	1.6
Sol.Lidocaine Hydrochloride 5% 2.0 amp.	0.65	4	2.6
Sol.Magesium sulfate 25%-2.0 amp.	0.5	2	1
Sol. Dibazolom 1%-1.0 amp.	0.1	4	0.4
Sol.Papaverine Hydrochloride 2%-2.0 amp.	0.75	6	4.5
Sol.Furosemide (lazix) 1%-2.0 amp.	0.3	3	0.9
Sol.Glucucose 40%-10.0	1.05	4	4.2
Sol.Glucucose 25%-20.0 amp.	1	2	2
Insulin 200 unit 5.0 fl.	3.6	10	36
Sol.Cerucal 10mg - 2.0 amp.	0.65	2	1.3
Sol.Cordiaminum 1.0 amp.	0.2	4	0.8
Baralgin (Maxigan) 5.0 amp.	0.65	4	2.6
Sol.Sodium Chloride 0.9%-10.0	0.8	3	2.4
Sol. Calci gluconati 10%-10.0	0.37	2	0.74
Sol.Calci Chloridi 10%-10.0 amp.	0.22	4	0.88
Sol.Sulfacil Sodium 20% fl.	0.45	1	0.45
Sol. Platyphilline hydrotartraci 0.2% fl.	0.95	3	2.85
Sol.Sulphocamphocain 10%-10.0amp.	0.2	3	0.6
Tincturae Zelenine fl.	0.55	1	0.55
Validol 5.0 fl.	0.2	1	0.2
Sol.Corvalol 15.0 fl.	0.4	1	0.4
Tincturae Vallerianae 30.0 fl.	0.4	2	0.8
Sol.Galazolin 0.05%-5.0 fl.	1.3	2	2.6
Sol. Ammonii Caustici 10.0 fl.	0.6	1	0.6
Sol. Hydrogen Peroxide 3%-30.0 fl.	0.45	2	0.9
O.I.Vazelini 40 g flac.	0.5	1	0.5
Sol.Iodi Spirituosa 10.0 fl.	0.08	2	0.16
Spirituosa spiritus vini 96gr. -30.0 fl.	0.3	4	1.2
Sol.Noradrenalini 0.2% -1.0 amp	0.12	2	0.24
Water for injection ( 2 ml ampoule)	0.05	20	1
Aerazol against burning fl.	4.6	1	4.6
colagen-hemostases sterile sponge 5X5	1	1	1
<b>Total</b>			<b>130.28</b>

<sup>5</sup> Prices in Lari

<b>Tablets</b>			
No-spa 0.04 N100	1.5	1	1.5
Papazol N10	0.3	1	0.3
Papaverine 0.04 N10	0.3	1	0.3
Suprastin 0.025	1.3	1	1.3
Analgin 0.5 N10	0.3	2	0.6
Ac. acetylsalicylati 0.5 N10	0.1	2	0.2
Besaloli N6	0.1	2	0.2
Bromhexine N10	0.1	2	0.2
Rehidron	1.2	3	3.6
Biseptoli N20	2.7	2	5.4
Furazolidone 0.1 N20	0.15	2	0.3
Absorbent 0.25 N10	0.1	2	0.2
Cerucal in tab. 10 mg	4.15	2	8.3
<b>Total</b>			<b>22.4</b>

<b>Bandages</b>			
retention Bandages	3	1	3
support and compression bandages	3	1	3
Wound dressing pads	1.5	5	7.5
sterile Dressings	2	5	10
adhesive tapes	3	5	15
surgical absorbents	2	5	10
Mediswabs	1	5	5
cotton wool 100g	1	5	5
15X15 Sterile Dressings	1	5	5
<b>Total</b>			<b>63.5</b>
assorted syringes and needles	0.15	100	15
<b>Grand total</b>			<b>182.68</b>

## Annex 8 Emergency set of drugs and medical materials foreseen by the State Ambulatory Program<sup>6</sup>

<i>Medical supplies</i>		Single practice	
Item	Price	Number	Annual costs
<b>Drugs</b>			
Adrenalin-0.18% 1ml N5 amp.	1,25	1	1,25
Natrii sulfuric - 30% 1.5 ml N5 bottle	0,6	1	0,6
Natrii metamizole - 50% 2ml 5 amp.	0,6	2	1,2
Salbutamol-200mg/10 ml N1 aerosol	3,6	2	7,2
Atropine sulphide-0.1% 1ml N10 amp.	0,91	1	0,91
Baralgine-%mIN5 amp. (Maxigan) 5.0 amp.	3,65	2	7,3
Briliant green-1% 10ml bottle	0,24	2	0,48
Dexamethasone-4mg 1ml N3 amp.	1,84	3	5,52
Diazepam-0.5% 2ml N3 amp.	2,6	3	7,8
Diclofenac-4375 mg 3ml N5 amp.	2,4	2	4,8
Amynophylline-24% 1ml muscle N10 amp.	1,5	1	1,5
Nitrofuralem-0.06% 100ml bottle	2,2	1	2,2
Furosemide 1% 2ml N10 amp.	2,8	2	5,6
Glucose-40% 10ml N10 amp.	1,55	2	3,1
Haemodesum -200ml 1 bottle	2,3	2	4,6
Heparin -25000 42 unit 5ml N1 bottle	1,8	2	0,48
Insulin for short term action-400 I 5ml bottle	8,6	2	17,2
Sol. Iodi spirituosa-5% 15ml bottle	0,24	5	1,2
Calcium gluconate-10% 10mlN3 amp.	1	1	1
Kalii chloride-10% 5mlN10 amp.	1,8	1	1,8
Klonidine hydrochloride(Klofelin)-0.15mg N10 pill	0,4	3	1,2
Coffeinum natrii benzonat-20% 1ml tube	0,7	10	7
Cordiaminum-25% 15ml bottle	1,3	3	3,9
Corvalolum-25 ml bottle	1,17	5	5,85
Lidocaine-2% 2ml N10 amp.	0,65	1	0,65
Magnesii sulfas-25% 5mlN10 amp.	2,2	0,5	1,1
Phenylephrin hydrochloride-1% N10 5amp.	1,25	1	1,25
Sodium chloride-0.9% 500ml N1 bottle	1,8	2	3,6
Activated charcoal-0.25 N10 pill	0,1	10	1
Nifedipine-10mg N30 tab	1,2	2	2,4
Aqueous/liquid ammonia -10% 50ml bottle	0,95	1	0,95
Nitroglycerine-N20 capsule,pill	1,4	5	7
Drotaverine-N20 2ml 5 amp.	3,75	2	7,5
Procaine hydrochloride-0.5%, 1ml 5amp.	0,65	1	0,65
Panangin-10ml N5 amp.	4,65	2	9,3
Polyglucinum-400ml bottle	4	2	8
Prednisolone-30mg/ 1mg N3 amp.	3,025	2	6,05
Propranololum hydrochloride-0.1% 5ml N10 amp.	0,95	1	0,95
Neostigmini sulfas(Proserinum)-0.05% 1ml amp.	0,65	5	3,25
Rehidrone package	0,8	50	40
Ringer liquid-500ml (1bottle)	1,7	2	3,4
Medical spirit-78-95% 100ml bottle	0,7	5	3,5
Strophanthinum-).025% 1ml amp.	1,4	10	14
Sulfakamfokaine-10% 2ml N10 amp.	1,3	10	13
Chloropiramine-2% 1ml N5 amp.			0
Validolum-0.06 N10 pill	0,2	2	0,4
Verapamil hydrochloride-0.25% 2ml N10 amp.	6,1	1	6,1
Cefotachsim 1g bottle	4,7	5	23,5
Vikasolum-1ml N5 amp.	0,6	5	3
Hydrogen Hyperoxigenium 3% 50ml bottle	0,4	20	8
Injection water-2ml N10 amp.	0,55	5	2,75
<b>Total</b>			<b>264,99</b>

<sup>6</sup> Prices in Lari



Latex sterile gloves	8	1	8
<b>Bandages</b>			
bandage sterile 10x5 cm	0,3	120	36
bandage not sterile 7x14 3 packages	0,6	120	72
sterile court plaster 4x10	0,6	20	12
court plaster 2.5x5	1,25	15	18,75
injection belt-25	2,8	5	14
Total			<b>152,75</b>
assorted syringes and needles	0,15	100	<b>15</b>
<b>Grand total</b>			<b>440,74</b>

## Annex 9 Adjusted emergency set of drugs and medical materials for PHC used in the cost model<sup>7</sup>

<i>Medical supplies</i>		Single practice	
Item	Price	Number	Annual costs
<b>Drugs</b>			
Locally acting, oral and rectal drugs			
Paracetamol (tablet, 500mg)	0.14	100	14
Dihydrocodeine tartrate (tablet, 30 mg)	0.1	10	1
Temgesic (buprenorphine; 0.2 mg; sublingual)	0.03	10	0.3
Penicillin V (sachets, 125 mg; tablet, 250mg)	0.06	100	6
Erythromycin ethyl succinate (sachets, 125 mg and 250 mg)	0.34	50	17
Amoxil (amoxicillin sodium; capsule, 250 mg)	0.72	50	36
Trimethoprim (tablet, 100 mg)	0.07	50	3.5
Nitrolingual (GTN) sprayX1	10	1	10
propranolol (tablet, 40mg)	0.1	10	1
Frusemide (tablet, 40mg)	0.9	50	45
Digoxin (tablet, 0.25 mg)	0.02	10	0.2
Soluable aspirin (tablet, 300 mg)	0.017	100	1.7
Ventolin (salbutamol) inhaler X 2	6.76	1	6.76
Prednisolone (tablet, 5 mg)	0.22	5	1.1
Phenergan (promethazine hydrochloride; tablet, 10 mg)	0.07	10	0.7
Haloperidol (Haldol; tablet, 5 mg)	0.54	10	5.4
Diazepam (tablet, 5 mg)	0.01	10	0.1
Stesolid rectal tube (diazepam;tube, 5 mg)X4	4	1	4
prochlorperazine maleate; (suppositories, 5mg and 25 mg)	2	1	2
	0	0	0
Minims amethocaine 1%	15	1	15
Minims cyclopentolate 0.5%	16	1	16
Choromycetin ointment 1% (chloramphenicol; 4 g tube)	3	1	3
<b>Total</b>			<b>189.76</b>
<b>Parenteral drugs</b>			
X2 Temgesic (buprenorphine; 0.6 mg in 2 ml ampoule; IM or slow IV)	4.18	2	8.36
X2 Cyclimorf 15 (morphine tartrate 15 mg, cyclizine tartrate 50 mg per 1 ampoule; SC or IM or IV)	3.66	2	7.32
X1 Amoxil (amoxicillin sodium; 500mg powder in vial requiring 3 ml water for injection; IM or IV)	2.5	1	2.5
X2 Benzylpenicillin (600 mg, corresponding to 1 mega unit powder in vial requiring 2 ml water for injection IM; or 4 ml for injection IV)	1.67	2	3.34
X1 Chloramphenicol (IG requiring 2 ml water for injection IV or IM)	3	1	3
X2 Atropine sulphate (0.6 mg in 1 ml ampoule)	1.3	2	2.6
X1 Lignocaine 1% (20 ml vial)	2.3	1	2.3
X2 Frusemide (50 mg in 5 ml ampoule)	1.5	2	3
X2 Bricanyl (terbutaline sulphate; 0.5 mg in 1 ml ampoule; SC or IM or slow IV)	1	2	2
X3 Hydrocortisone sodium succinate (100 mg powder in vial requiring 1-2 ml water for injection; IV)	12	3	36
X3 Haloperidol (Haldol; 10 mg in 2 ml ampoule; IM)	15	3	45
X2 Diasemals ( Diazepam; 10 mg in 2ml ampoule; IM, IV)	3	2	6
X2 Stemetil (prochlorperazine maleate; 12.5 mg in 2 ml ampoule; IM)	2.5	2	5
X1 Maxolon (metoclopramide hydrochloride; 10 mg in 2 ml ampoule; IM)	1	1	1
X1 Adrenaline (1 in 1000 strength 0.5 ml ampoule; SC)	1.5	1	1.5
X1 Piriton (chlorpheniramine maleate; 10 mg in 1 ml ampoule; SC or IM or slow IV)	0.46	1	0.46
X1 Glucagon (1 unit in 1 ml vial to be solved in accompanying solvent: IM or SC or IV)	25	1	25
X1 Syntometrine (0.5 mg ergometrine and 5 units synthetic oxytocin in 1 ml ampoule; IM)	0.7	1	0.7
X 1 Deltastab (prednisolone acetate; 25 mg per ml in 5 ml vial; intra articular or local injection)	5	1	5
X5 Water for injection ( 2 ml ampoule)	0.54	5	2.7
<b>Total</b>			<b>162.78</b>

<sup>7</sup> Jiri Nemeč Proposals for PHC reform in Georgia, GVG, March 2005

disposable gloves	0.4	10	4
assorted syringes and needles	0.2	100	20
<b>Bandages</b>			
retention bandages	3	1	3
support and compression bandages	3	1	3
wound dressing pads	1.5	5	7.5
sterile dressings	2	5	10
adhesive tapes	3	5	15
surgical absorbents	2	5	10
Mediswabs	1	5	5
cotton wool	2	5	10
<b>Total</b>			<b>87.5</b>
<b>Grand total</b>			<b>464.04</b>