



**NATIONAL CENTER FOR HIV/AIDS, DERMATOLOGY AND STD  
MINISTRY OF HEALTH  
ROYAL KINGDOM OF CAMBODIA**

# **STANDARD OPERATING PROCEDURES - LOGISTICS MANAGEMENT UNIT**

December 2005



## **NCHADS Logistics Management Unit**

Logistics Management Unit is responsible for the management of supplies needed for HIV/AIDS and STD care and treatment in Cambodia. It has established Terms of Reference for its role and responsibilities and Standard Operating Procedures for all its activities.

Logistics Management Unit will work directly with the Referral Hospital/Operational District/Provincial AIDS Office, Central Medical Stores and the Essential Drug Bureau to ensure the continuous supply of required HIV and STD supplies. This will be achieved by collecting site specific reports/requests on a regular basis. Forms for reporting can be found in this manual.

Reports shall be submitted by all OI/ART, VCCT, CD 4, and STD sites by the first day of the beginning of each quarter:

January 1<sup>st</sup>

April 1<sup>st</sup>

July 1<sup>st</sup>

October 1<sup>st</sup>

The Standard Operating Procedures provide a clear outline of the timeframe in which reports/requests must be processed.

Should reports/requests not be received by the dates described above, the Regional Logistics Management Officers shall follow up with the respective sites directly by telephone. Should such a call not achieve the expected result, it can be followed up by an official telegram, signed by the Director of NCHADS.

Once products are ready for delivery, the sites are informed. The Provincial Health Director will also be informed. The recipient is responsible for picking up the prepared goods from NCHADS within 5 Working days. If products are not picked up within 5 Working days, order will be cancelled and sites will be held responsible for any damages/injuries suffered by patients.

This document shall also provide an outline for the Logistics Management Unit's interaction with other units within NCHADS.



## RECEIPT OF NEW PRODUCTS

N <sup>o</sup>	Activities	Responsibilities	Time Frame
1	Ensure that required documentation is included with the shipment: <ol style="list-style-type: none"> <li>1. Invoice</li> <li>2. Contract between NCHADS &amp; Donor/Supplier Company</li> <li>3. Packing List</li> <li>4. Certificate of Analysis or other</li> </ol>	- Head of Logistic Management Unit - Warehouse Manager - Head of Procurement Unit	Upon Delivery
2	Compare delivered products with documentation: <ul style="list-style-type: none"> <li>• Product Condition</li> <li>• Name (Brand &amp; Generic)</li> <li>• Formulation</li> <li>• Strength</li> <li>• <b>Expiry Date</b></li> <li>• Quantity</li> <li>• Manufacturing Site</li> </ul> Basic Quality Control (random sampling): <ul style="list-style-type: none"> <li>• Weight</li> <li>• Color</li> <li>• Visual appearance</li> </ul>	Logistic Management Officer Warehouse Manager Procurement Officer	2 – 6 hrs
3	Sign Confirmation of receipt	Head of Logistics Management	1hr
4	Enter new products into store	Warehouse Manager	3hrs
5	Inform data analyst of arrival of new products	Warehouse Manager	1hr
6	Enter new products into database	Data Analyst	1hr
7	Prepare and submit reports on total stock levels to corresponding unit	Logistic Management Officer	2 hrs



## STORAGE OF NEW PRODUCTS

Nº	Activities	Responsibilities	Time Frame
1	Examine expiry dates of existing stock before arrival of new products and make sure stock cards are up-to-date	Warehouse Manager	1 <sup>st</sup> of each month
2	Store products accordingly: <ul style="list-style-type: none"> <li>• Alphabetically</li> <li>• Form and Strength</li> <li>• FEFO &amp; FIFO</li> <li>• Weight: heavy products in lower shelves</li> <li>• Expiry: products with shortest expiry easily accessible</li> <li>• Temperature</li> <li>• Light</li> <li>• Air flow</li> </ul>	Warehouse Manager	3 hrs
3	After product receipt, compare expiry of new products to existing stock	Warehouse Manager	3 hrs
4	Place products into warehouse according to storage requirements and expiry (see above)	Warehouse Manager	10 hrs

**Distribution should happen on a FEFO (first expiry, first out) or FIFO (first in, first out for products without expiration date) basis.**

**When creating packing lists, Warehouse Manager is responsible for ensuring that products with shortest expiry are distributed first (or alternatively, those that have been in stock the longest). After each distribution, storage location should be updated.**

**Data Analysts and Warehouse Managers should perform a comparison of database stock and actual stock on a monthly basis from September 2005 – January 2006.**

**After this period, database and actual should be compared once every 3 months.**



## ARV QUANTIFICATION AND DISTRIBUTION

Nº	Activities	Responsibilities	Time Frame
1	Collect reports from each sites and ensure that forms have been filled out correctly	Logistic Management Officer	Monthly/ Quarterly
2	Send reports to Head of Logistic Unit	Logistic Management Officer	1 hrs
3	Send reports to Data Analyst	Logistic Management Officer	3 hrs
4	Enter patient and ARV stock level information into Database & Quantification System	Data Analyst	12hrs
5	Perform quantification of the estimated demand for each drug by regimen and sites	Data Analyst	
6	Compare needs with current stock levels at NCHADS	Data Analyst	
7	Confirm that there are enough ARVs in stock – take into account delivery delays (there should be at least 6 months of products in stock at all times)	Data Analyst	
8	Send distribution plan to Logistic Management Officer after quantification has been completed	Data Analyst	
9	Prepare official invoice	Logistic Management Officer	2hrs
10	Submit invoice to Director of NCHADS for approval	Logistic Management Officer	2hrs
11	Forward invoice to warehouse manager	Logistic Management Officer	1hr
12	Warehouse Manager(s) prepare packing list according to invoice and distribution plan	Warehouse Manager	6hrs
13	Inform sites that drugs are ready for distribution and ask receiver to pick up the drugs	Logistic Management Officer	6hrs
14	Individual from RH/OD/PAO that receives the ARVs, signs official invoice and takes over responsibility for the products	PAO/OD/RH representative	24 - 48 hrs
15	Update current stock levels in inventory management tool and quantification database	Warehouse Manager Data Analyst	2hrs



## RETURN OF UNUSED AND OVERSTOCK PRODUCTS

N°	Activities	Responsibilities	Time Frame
1	NCHADS receives request to return from the sites (including reason for return)	Logistics Management Officer	Monthly/ Quarterly
2	Logistics Management Officer forwards request to Head of Logistics Management Unit	Logistics Management Officer	24hrs
3	Head of Logistics Management Unit decides whether to accept or deny request; informs Logistics Management Officer	Head of Unit	
4	Inform site on NCHADS decision	Logistics Management Officer	
5a	<i>No:</i> Drugs remain at site (e.g expired products)		
5b	<i>Yes:</i> Products can be forwarded to NCHADS		
6	If b) Request & Receive approval from Director of NCHADS		
7	Site sends NCHADS drugs with corresponding packing list and official letter.	Site	24 - 48hrs
8	Warehouse Manager receives drugs and inspects according to NCHADS standard operating procedures for new product receipt.	Warehouse Manager	2hrs
9a	<i>Fail inspection:</i> Reject		
9b	<i>Pass inspection:</i> Accept		
10	If b) Warehouse Manager accepts products and inserts them into NCHADS stock.		
11	Warehouse Manager informs current stock status to Data Analyst (inserts into "adjustments" column when from NCHADS, as incoming product when from NGOs or other source)	Warehouse Manager Data Analyst	2hrs
12	Data Analyst update stock database	Data Analyst	2 hrs



## SPECIAL SCENARIO FOR ARV QUATIFICATION (DIRECTOR & DEPUTY DIRECTOR NOT AVAILABLE)

N°	Activities	Responsibilities	Time Frame
1	Logistics Management Officer receives emergency request & report from site	Logistics Management Officer	Upon Request
2	Send report to Head of logistic management unit	Logistics Management Officer	2hrs
3	Send report to Data Analyst	Head of Logistics Management Unit	2hrs
4	Enter patient and ARV stock level information into Database & Quantification System	Data Analyst	12hrs
5	Perform quantification of the estimated demand for each drug by regimen and sites	Data Analyst	
6	Compare needs with current stock levels at NCHADS	Data Analyst	
7	Confirm that there are enough ARVs in stock	Data Analyst	
8	Send distribution plan to Logistic Management Officer after quantification has been completed	Data Analyst	
9	Submit distribution plan (unofficial invoice) to Head of Unit	Logistics Management Officer	2hrs
10	If Director and Deputy Director with signing authority are not available, Head of Unit makes decision on whether or not to grant emergency order	Head of Unit	
11a	<i>No:</i>		
	Products are not released		
11b	<i>Yes:</i>		
	Products released		
12	Send drug order to Warehouse Manager for processing	Head of Unit	
13	Warehouse Manager prepares packing list according to unofficial invoice	Warehouse Manager	
14	Inform sites that Drugs are ready for distribution	Logistic Management Officer	6hrs
15	Individual from RH/OD/PAO that receives the ARVs signs unofficial invoice and takes over responsibility for the products	PAO/OD/RH representative	24 – 48 hrs
16	Update current stock levels in inventory management tool and quantification database	Warehouse Manager Data Analyst	2 hrs
17	Upon return of Director, submit official documents for signature	Head of Unit	2 hrs



## VCCT, CD4 & STD REAGENTS & CONSUMABLES QUANTIFICATION AND DISTRIBUTION

Nº	Activities	Responsibilities	Time Frame
1	Collect reports from each site and ensure that forms have been filled out correctly (For CD 4 labs, report includes copy of the testing register)	Logistic Management Officer	Monthly/ Quarterly
2	Send report to Head of Logistic Management Unit	Logistic Management Officer	2hrs
3	Send reports to Data Analyst	Logistic Management Officer	2hrs
4	Analyze reagent and consumables stock levels and insert information into Database & Quantification System	Data Analyst	12hrs
5	Perform quantification of the estimated demand for each CD 4 ,VCCT ,STD site	Data Analyst	
6	Compare needs with current stock levels at NCHADS	Data Analyst	
7	Confirm that there are enough consumables/reagents in stock	Data Analyst	
8	Send distribution plan to Logistic Management Officer after quantification has been completed	Data Analyst	
9	Prepare official invoice	Logistics Management Officer	2hrs
10	Submit invoice to Director for approval and signature	Head of Unit	2hrs
11	Forward invoice to Warehouse Manager(s)	Logistic Management Officer	2hrs
12	Warehouse Manager(s) prepare packing list according to invoice and distribution plan	Warehouse Manager	6hrs
13	Inform sites that Drugs are ready for distribution	Logistic Management Officer	6hrs
14	Individual from CD4,VCCT,STD site that receives the items signs official invoice and takes over responsibility for the products	PAO/OD/RH Representative	24 – 48 hrs
15	Update current stock levels in inventory management tool and quantification database	Warehouse Manager Data Analyst	2hrs



## QUANTIFICATION AND DISTRIBUTION OF OI & STD DRUGS

Nº	Activities	Responsibilities	Time Frame
1	Collect reports (stock status & consumption information) from Referral Hospital(OD and EDB )	Head of Unit/ Logistics Management Officer	Monthly/ Quarterly
2	Send report to Head of Logistic Unit	Logistic Management Officer	2hrs
3	Send reports to Data Analyst	Logistic Management Officer	2hrs
4	Enter information into Database & Quantification System	Data Analyst	12hrs
5	Perform quantification of the estimated demand for each drug by sites	Data Analyst	
6	Send demand report to Logistic Management Office after quantification has been completed	Data Analyst	
7	Draft a distribution plan for each site	Logistic Management Officer	6hrs
8	Receive approval and signature from Director of NCHADS	Head of Logistic Unit	6hrs
9	Send distribution plan to DGH	Head of Logistic Unit	2hrs
10	Receive approval from DGH; forward distribution plan to CMS	Head of Logistic Unit	At least 5 working days
11	After CMS distributes products, update current stock at CMS and inform NCHADS of stock levels: copy of all invoices and monthly report on stock status	CMS/Head of Unit	
12	Send current stock report to Data Analyst	Head of Unit	2hrs
13	Update database and inform Head of Logistics Management Unit	Data Analyst	6hrs



## EMERGENCY ORDER FOR ARV, OI & STD DRUGS, CD4/VCCT/STD REAGENT AND CONSUMABLES

N <sup>o</sup>	Activities	Responsibilities	Time Frame
1	Receive emergency request(report) from OD/sites	Logistics Management Officer	Upon Request
2	Send report to Head of Logistic Unit	Logistic Management Officer	2hrs
3	Send reports to Data Analyst	Logistic Management Officer	12hrs
4	Enter information into Database & Quantification System	Data Analyst	12hrs
5	Perform quantification of the estimated demand for each sites	Data Analyst	
6	Send distribution plan to Logistic Management Officer after quantification has been completed	Data Analyst	
7	Prepare official invoice	Logistics Management Officer	2hrs
8	Submit official invoice to Director of NCHADS for approval and signature	Head of Logistic Unit	2hrs
9	Forward invoice to Warehouse Manager(s)	Logistic Management Officer	2hrs
10	Warehouse Manager(s) prepare packing list according to distribution plan and official invoice (or unofficial invoice if Director, Deputy Director not available)	Warehouse Manager	6hrs
11	Inform sites that items are ready for distribution	Logistic Management Officer	6hrs
12	Individual from RH/OD/PAO that receives the items, signs official (or unofficial) invoice and takes over responsibility for the products	PAO/OD/RH representative	24 – 48 hrs
13	Update database	Warehouse Manager & Data Analyst	6hrs
14	Receive NCHADS Director signature if previously unavailable	Head of Logistic Unit	2hrs
15	Inform CMS staff	Head of Logistic Unit	6hrs



### **INTERACTION WITH NCHADS PROCUREMENT UNIT**

1. Before each procurement cycle, procurement unit shall contact Logistics Management Unit to quantify the demand requirements for all items based on data collected from all sites.
2. Logistics Management Unit shall contact Procurement Unit should there be less than **6** months stock available at central warehouse(s).
3. Procurement Unit will inform Logistics Management Unit of all contracts that have been awarded and expected delivery date. Procurement Unit will provide Name of Supplier, products ordered and quantity as well as a copy of the contract.
4. Procurement Officer will be present during receipt of new products to ensure contracts have been followed by supplier (quantity, quality).

### **INTERACTION WITH NCHADS AIDS CARE UNIT**

1. Consult with AIDS Care Unit on product specifications prior to any procurement activity
- 2-. AIDS Care Unit shall provide Logistics Management Unit updates on toxicity and treatment failure assumptions, as analyzed based on the data collected from all sites in order to make projected ARV demand quantities more accurate.

### **INTERACTION WITH NCHADS DATA MANAGEMENT UNIT**

1. Data Management and Logistics Management Unit shall work together to collect data from all sites.



### **INTERACTION WITH SITES**

1. Regional Logistics Management Officer will manage all interaction and data collection between Logistics Management Unit and the Operational District/sites.

### **INTERACTION WITH NCHADS DIRECTOR**

1. Logistics Management Unit will provide monthly stock status reports to NCHADS Director on the first day of each month. Reports shall include quantities in stock as well as products distributed during the previous month (quantities by site). Head of Logistics Management Unit also will produce such reports in special occasions within 3 hrs of request by NCHADS Director.

### **DATA COLLECTION FORMS**

# ក្រសួងសុខាភិបាល

មជ្ឈមណ្ឌលជាតិប្រយុទ្ធនឹង

ជំងឺអេដស៍ សើស្បែក និងកាមរោគ

ខេត្ត/ក្រុង:.....

ស្រុកប្រតិបត្តិ:..... មន្ទីរពេទ្យ:.....

កាលបរិច្ឆេទ: ចាប់ពី ថ្ងៃទី.....ខែ.....ឆ្នាំ២០០.... ដល់ ថ្ងៃទី.....ខែ.....ឆ្នាំ២០០....

ឈ្មោះឱសថ Name of Drug	ទម្រង់ Form.	ចំនួនសល់ Stock Beginning of period	ចំនួនចូល Incoming	ចំនួនចេញ Outgoing	ចំនួនកែតម្រូវ Adjustment	តុល្យការ Balance	ថ្ងៃផុតកំណត់ First Expiry	ផ្សេងៗ Observation
Stavudine 30mg (d4T)	cap							
Stavudine 40mg (d4T)	cap							
Lamivudine 150mg (3TC)	tab							
Nevirapine 200mg (NVP)	tab							
Efavirenz 600mg (EFV)	cap							
Zidovudine 300mg (AZT)	tab							
Zidovudine 300+Lamivudine 150	tab							
Stavudine 30+Lamivudine	tab							
Stavudine 40+Lamivudine	tab							
Stavudine 30+Lamivudine+Nevirapine	tab							
Stavudine 40+Lamivudine+Nevirapine	tab							
Didanosine 250mg (ddl)	tab							
Didanosine 400mg (ddl)	tab							
Lopinavir/Ritonavir 133/33 (Lop/Rit)	cap							

Treatment Regimen	Number of Patients		Projected Number of new Patients by month	
d4t(30)+3TC+NVP				
d4t(40)+3TC+NVP				
AZT+3TC+NVP				
d4t(30)+3TC+EFV				
d4t(40)+3TC+EFV				
AZT+3TC+EFV				
ddl(250)+3TC+Lop/Rit				
ddl(400)+3TC+Lop/Rit				

# របាយការណ៍ចំណូល ចំណាយ ឱសថ សំភារៈបរិក្ខារពេទ្យ OI

## Drugs & Consumables Consumption Report OI



មន្ទីរសុខាភិបាលខេត្ត : .....

Provincial Health Department

ស្រុកប្រតិបត្តិ : .....

Operational District

មន្ទីរពេទ្យបង្អែក : .....

Referral Hospital

ចំនួនអ្នកជំងឺដែលបានពិនិត្យជំងឺក្រៅសរុបរយៈពេល៣ខែ<sup>(១)</sup> :.....នាក់

Number of new cases of OPD in 3 months (OPD)

ចំនួនករណីថ្មីដែលបានសំភារៈពេទ្យសរុបរយៈពេល៣ខែ<sup>(២)</sup>

:.....នាក់

Number of new cases of IPD in 3 months (IPD)

ចំនួនករណីថ្មីដែលបានសំភារៈពេទ្យពិសេសរយៈពេល៣ខែ<sup>(៣)</sup> :.....នាក់

Number of new cases of IPD( Special ) in 3 months

( CPA +Special Allocation )

ចាប់ពីថ្ងៃទី.....ខែ..... ដល់ ថ្ងៃទី.....ខែ.....ឆ្នាំ.....

From :.....To.....

ល.រ N°	កូដ Code	រាយឈ្មោះឱសថ សំភារៈបរិក្ខារពេទ្យ Description	កម្រិត Strength	ប្រភេទ Form	ចំនួនសល់ Initial Stock	ចំនួនចូល Incoming	សរុប Total	ចំនួនចេញ Outgoing	តុល្យការ Balance	ចំនួនស្នើ Request Qty	ផ្សេងៗ Observation
1	AA9901	Acyclovir	200mg	B/1000							
2	OI1	Albendazol	400mg	B/500T							
3	AA02	Aluminium Hydroxide	500mg	B/1000							
4	AA63	Amitriptiline	25mg	B/1000							
5	AA040	Amoxicillin	500mg	B/500T							
6	OI13	Amphotericine B	50 mg	vial							
7	AB33	Benzatine Peniciline	2.4 MIU	Vial							
8	AD02	Benzyl Benzoate 25%	1L	Btle/10							
9	AD03	Betamethasone Valerate	0.10%	Cream							
10	OI2	Calamine Lotion	Btle/100ml	Btle							
11	OI3	Cefixime	400mg	B/10Ta							
12	AB50	Ceftriaxone 1g	1g	Vial							
13		Cefuroxime	200mg	Cap							
14	OI12	Chloramphenicol 0.5%	Collyre	vial/10							
15	OI4	Chloramphenicol 1%	Collyre/5mg	B/25Tu							
16	AA09	Ciprofloxacine	500mg	B/100T							
17	AD23	Clotrimazole	1% Cream	Tube/2							
18	AA101	Cloxacillin	500mg	B/500T							
19	AA120	Cotrimoxazole	800/16g	B/500T							
20	OI5	Dapsone	100mg	B/1000							
21	AA67	Doxycycline	100mg	B/1000							

22	AA170	Erythromycine Stearate	500mg	B/500T															
23	OI06	Ferrous Sulf/Folic Acid	200mg+0.25mg	B/1000															
24	AA830	Fluconazol	200mg	Cap															
25	AA8301	Fluconazol	100mg	Tab															
26	AA21	Folic Acid	5mg	B/1000															
27	AD06	Gentian Violet Crystal	Vial/25g	Vial															
28	AD261	Hydrocort Acetate Ointment	1% Skin	Tube/1															
29	OI7	Ibuprophen	200mg	B/1000															
30	OI8	Lidocaine Hydro 2%	30g	Tube															
31	AA91	Loperamide	2mg	B/1000															
32	OI9	Metoclopramide Hydro	10mg	B/1000															
33	AA342	Metronidazol	500mg	B/1000															
34	AA36	Multivitamin		B/1000															
35	AA382	Nystatine	500.000IU	B/1000															
36	AA381	Nystatine Ovule	100.000IU	B/100T															
37	AA39	ORS for 1L		B/50sa															
38	AA88	Potassium Chloride	600mg	B/100T															
39	AA49	Prednisolone	5mg	B/1000															
40	AA501	Promethazine	10mg	B/1000															
41	OI11	Ranitidine	300mg	B/100T															
42	OI10	Salbutamol	2mg	B/1000															
43	OI14	Scabies Bars		Pcs															

ថ្ងៃទី.....ខែ.....ឆ្នាំ ២០០..

ប្រធាន.....

ថ្ងៃទី.....ខែ.....ឆ្នាំ ២០០..

មន្ត្រីទទួលខុសត្រូវគ្រប់គ្រងស្ថាន

**កំណត់សំគាល់:**

- ១-សរុបចំនួនអ្នកជំងឺករណីថ្មី (អ្នកជំងឺក្រៅ) ជាចំនួនសរុបរយៈពេល៣ខែប្រាំខែនៃផ្គត់ផ្គង់ (ដោយមិនបញ្ចូលនូវចំនួនអតិថិជនដែលប្រើមធ្យោបាយពន្យាកំណើត/សេវាចុះមូលដ្ឋាន)
- ២-សរុបចំនួនអ្នកជំងឺករណីថ្មី (អ្នកជំងឺសំរាកពេទ្យ) រយៈពេល៣ខែប្រាំខែនៃផ្គត់ផ្គង់
- ៣-សរុបចំនួនអ្នកជំងឺករណីថ្មី (អ្នកជំងឺសំរាកពេទ្យពិសេស/ដោយការរក្សាភ័យ....) រយៈពេល៣ខែប្រាំខែនៃផ្គត់ផ្គង់
- ៤-គោរពតាមលេខកូដឌីសថ - បរិក្ខារពេទ្យ

៥-ត្រូវមានលេខកូដគ្រប់មុខឱសថ - បរិក្ខារពេទ្យទាំងអស់



៦-បរិមាណស្នើសុំសំរាប់យុទ្ធនាការត្រូវបូកបញ្ចូលក្នុងខ្ទង់ស្នើសុំ និងបញ្ជាក់ហេតុផលក្នុងខ្ទង់ផ្សេងៗ

**របាយការណ៍ចំណូល ចំណាយ ឱសថ សំភារៈបរិក្ខារពេទ្យ STD**



**Drugs & Consumables Consumption Report for STD**

**មន្ទីរសុខាភិបាលខេត្ត :** .....

Provincial Health Department

**ស្រុកប្រតិបត្តិ :** .....

Operational District

**មន្ទីរពេទ្យបង្អែក :** .....

Referral Hospital

ចំនួនអ្នកធ្វើតេស្តឈាមសរុបរយៈពេល ៣ខែ :.....នាក់

Number of blood tester in 3 months

ចាប់ពីថ្ងៃទី.....ខែ.....ដល់

ថ្ងៃទី.....ខែ.....ឆ្នាំ.....

ល.រ N°	រាយឈ្មោះឱសថ សំភារៈបរិក្ខារពេទ្យ Description	កម្រិត Strength	ប្រភេទ Form	ចំនួនសរុប Initial Stock	ចំនួនចូល Incoming	សរុប Total	ចំនួនចេញ Outgoing	តុល្យការ Balance	ចំនួនស្នើ Request Qty	ផ្សេងៗ Observation
1	Azythromycine	500mg	Tab							
2	Benzathine Penicillin 2.4MIU		Vial							
3	Cefixime	200mg	Tab							
4	Ceftriaxone 1g		Vial							
5	Ciprofloxacin	500mg	Tab							
6	Clotrimazole	500mg	Tab							
7	Gentiane Violet	25g	Jar							
8	Nystatine 500000IU		Pessary							
9	Podophilline Solutution 25%	5ml	Vial							
10	Paracetamol	500mg	Tab							
11	Multivitamin		Tab							

ថ្ងៃទី.....ខែ.....ឆ្នាំ ២០០..

ប្រធាន.....

ថ្ងៃទី.....ខែ.....ឆ្នាំ ២០០..

ប្រធានឧបសគ្គឱសថស្ថាន



**របាយការណ៍ចំណូល ចំណាយឱ្យសង្គ្រោះបរិក្ខារពេទ្យ CD4 និង VCCT**

**Reagents & Consumables Consumption Report for CD4 & VCCT**

មន្ទីរសុខាភិបាលខេត្ត : .....

Provincial Health Department

ស្រុកប្រតិបត្តិ : .....

Operational District

មន្ទីរពេទ្យបង្អែក : .....

ចំនួនអ្នកធ្វើតេស្តឈាមសរុបរយៈពេល ៣ខែ :.....នាក់

Number of blood tester in 3 months

ចាប់ពីថ្ងៃទី.....ខែ.....ដល់

ថ្ងៃទី.....ខែ.....ឆ្នាំ.....

Referral Hospital

ល.រ N°	រាយឈ្មោះឱ្យសង្គ្រោះបរិក្ខារពេទ្យ Description	កម្រិត Strength	ចំនួនសល់ Initial Stock	ចំនួនចូល Incoming	សរុប Total	ចំនួនចេញ Outgoing	តុល្យការ Balance	ចំនួនស្នើ Request Qty	ផ្សេងៗ Observation
1	Alcohol	300 ml							
2	BD Facsflow Sheath Fluid	20L							
3	Bleach	0.60L							
4	Cotton Wool	Wool/0.5kg							
5	Facscount Reagent	Box/50tests							
6	Fascount Control	Box/25tests							
7	Yellow Tip 20-200µl	Box/100							
8	Latex Examination Glove N°.7	Box/100							
9	Vacutainer Needle N°.21	Box/100							
10	Vacutainer Tube K3 EDTA	Box/100							
11	Thermal Paper	Roll							
12	Determine	Kit/100test							
13	Genscreen	Kit/480t or Kit/96t							
14	Transferred Tube	Box/100							
15	Uni-Gold	Kit/20tests							
16	Stat-Pak	Kit/20tests							
17	Serodia	Kit/220tests							



15	Alcohol 90C								
16	Cotton Woll 500g	Roll							
17	Permanent Maker Fine Point	Box/12							

ថ្ងៃទី.....ខែ.....ឆ្នាំ ២០០..

ប្រធាន.....

ថ្ងៃទី.....ខែ.....ឆ្នាំ ២០០..

**បន្តិចធួលឌុស រដ្ឋមន្ត្រីសេដ្ឋកិច្ច**