

KINGDOM OF CAMBODIA
Nation Religion King

Ministry of Health



**National Center for HIV/AIDS,
Dermatology and STDs**

N^o 0389 NCHADS

Phnom Penh 07 April 2017

Technical report:

“Refresher Training on Management of Pre-ART/ART for Adult Clinicians and Pediatricians”

27-31 March 2017 at National Pediatric Hospital

1. Background and Rational:

Cambodia has been successful in the fight against HIV and AIDS, which marks by the recognition of UNAIDS for the MDG 6. This is a big country accomplishment with a national strong leadership and joint work between national program and stakeholders. The current effort in the country follows the global commitment towards ending AIDS by 2030; however, reaching the third 90 of the HIV cascade remains a challenge (retain PLHIVs in care and have their VL suppressed). After the dissemination of newly revised guideline for adults, adolescents, and children in November 2016, this initiative hopefully will enable the HIV care and treatment more efficacy.

The refresher trainings will provide the adult Pre-ART/ART and PAC team leaders and members the newly updated management of OIs/ART.

The refresher training is organized by NCHADS, and funded by WHO.

2. Objectives:

1. To ensure that they have up-to-date skill and knowledge in HIV Care and treatment, so that they can provide quality care and treatment services for PLHIV.
2. To share experiences to response to the HIV infection in adults and pediatric patients including OI and ART, adherence, psychological support, management of treatment failure.

3. Methodologies

1. Plenary presentation
2. Discussion/feedback and Q & A

4. Date and Venue

Date: 27 to 31 March, 2017

Venue: Meeting room of National Pediatric Hospital

5. Agenda of the meeting

Time	Theme/Subject of Focus	Moderator/Facilitator
Day 1: 27 March 2017		
7:30 - 8:00	Registration	Logistic Team
8:00 - 8:10	National Anthem	All
8:10 - 8:40	Remark by - Dr. Laurent Ferradini, WHO Opening Remark by - Dr. Ly Penh Sun, Director of NCHADS	NCHADS Team
8:40 - 9:00	Training Objectives	Dr. Ngauv Bora
9:00 - 9:45	Pre-Test	NCHADS Team
9:45 - 10:00	<i>Tea Break</i>	
10:00- 12:00	Understanding ART, ART initiation, Side effect and Drug-Drug Interaction	Dr. Chel Sarim
12:00-14:00	<i>Lunch Break</i>	
14:00-15:15	HIV and Liver Disease	Dr. Men Pagnaroat
15:15-15:45	<i>Tea Break</i>	
15:45- 16:30	HIV and Liver Disease (Continue)	Dr. Men Pagnaroat
16:30- 17:00	Wrap up day 1	NCHADS Team
Day 2: 28 March 2017		
8:00 - 8:30	Review Day 1	NCHADS Team
8:30 - 9:45	HIV-TB Co-infection	Dr. Bun Vannary
9:45 - 10:00	<i>Tea Break</i>	
10:00- 12:00	HIV-TB Co-infection (Continue)	Dr. Bun Vannary
12:00-14:00	<i>Lunch Break</i>	
14:00-15:15	PCP and other respiratory infections	Dr. Lim Sreng Setha
15:15-15:45	<i>Tea Break</i>	
15:45- 16:30	PCP and other respiratory infection (Continue)	Dr. Lim Sreng Setha
16:30- 17:00	Wrap up day 2	NCHADS Team
Day 3: 29 March 2017		
8:00 - 8:30	Review Day 2	NCHADS Team
8:30 - 9:45	Introduction of CoC and B-IACM	Dr. Ky Sovathana
9:45 - 10:00	<i>Tea Break</i>	

10:00- 12:00	Initial Assessment of OIs and Prophylaxis	Dr. Ky Sovathana
12:00-14:00	<i>Lunch Break</i>	
14:00-15:15	HIV and Nutrition for Infant and Children	Prof. Ung Vibol
15:15-15:45	<i>Tea Break</i>	
15:45- 16:30	Weight Management on HIV-infected Adults and Adolescents	Prof. Ung Vibol
16:30- 17:00	Wrap up day 3	NCHADS Team
Day 4: 30 March 2017		
8:00 - 8:30	Review Day 3	NCHADS Team
8:30 - 9:45	PMTCT and Early Diagnosis of Exposed Infant	Dr. Ky Sovathana
9:45 -10:00	<i>Tea Break</i>	
10:00 -12:00	CMV Retinitis	Dr. Phe Thong
12:00 -14:00	<i>Lunch Break</i>	
14:00-15:15	ART monitoring, and Adherence Counselling	Dr. Prak Narom
15:15-15:45	<i>Tea Break</i>	
15:45- 16:30	ART monitoring, and Adherence Counselling	Dr. Prak Narom
16:30- 17:00	Wrap up day 4	NCHADS Team
Day 5: 31 March 2017		
8:00 - 8:30	Review Day 4	NCHADS Team
8:30 - 9:45	Treatment Failure and Switching Therapy	Dr. Prak Narom
9:45 - 10:00	<i>Tea Break</i>	
10:00- 12:00	Treatment Failure and Switching Therapy (Continue)	Dr. Prak Narom
12:00-14:00	<i>Lunch Break</i>	
14:00-15:15	Post-exposure Prophylaxis	Dr. Ngauv Bora
15:15-15:45	<i>Tea Break</i>	
15:45- 16:00	Wrap up day 5	NCHADS Team
16:00- 16:30	Post-test	NCHADS Team
16:30- 17:00	Closing ceremony	NCHADS Team

6. Resource persons and participants:

a. Facilitators and trainers:

- Resources persons from AIDS Care Unit, NCHADS
- Prof. Ung Vibol Vice Dean of Faculty of Medicine
- Dr. Huot Chantheany Vice Director of National Pediatric Hospital
- Dr. Prak Narom Pre-ART/ART in Khmer Soviet Friendship Hospital
- Dr. Lim Sreng Setha Pre-ART/ART in Calmette Hospital
- Dr. Bun Vannary Pre-ART/ART in Social Health Clinic
- Dr. Men Pagnaroat AHF
- Dr. Chel Sarim FHI 360
- Dr. Phe Thong Center of Hope

b. Participants

- 5 Pre-ART-ART clinicians and paediatricians from Kampong Cham province
- 4 Pre-ART-ART clinicians and paediatricians from Prey Veng province
- 4 Pre-ART-ART clinicians and paediatricians from Kandal province
- 3 Pre-ART-ART clinicians and paediatricians from Tbaung Khmom province
- 2 Pre-ART-ART clinicians and paediatricians from Kratie province
- 1 Pre-ART-ART clinicians and paediatricians from Mundolkiri province
- 2 Pre-ART-ART clinicians and paediatricians from Preah Kossamak hospital in Phnom Penh
- 1 Pre-ART-ART clinicians and paediatricians from Preah Ketomealea hospital in Phnom Penh
- 2 Pre-ART-ART clinicians and paediatricians from Khmer Soviet Friendship hospital in Phnom Penh
- 1 Pre-ART-ART clinicians and paediatricians from Calmette hospital in Phnom Penh
- 1 intern, AIDS Care Unit, NCHADS
- 1 Pre-ART-ART clinicians and paediatricians from Social Health Clinic
- 1 Pre-ART-ART clinicians and paediatricians from AHF
- 1 Pre-ART-ART clinicians and paediatricians from Center of Hope

In total, there were 29 participants.

7. Outcomes

Following the newly revised curriculum of the refresher training; the trainers have covered the topic on:

- Introduction to Intergrade inhibitor and other Protease Inhibitor that will be available in Cambodia for the purpose of Salvage therapy of patients failed to 2nd line
- New criteria on ART initiation "Treat All", provide ART immediately after HIV detection, and enrollment
- Cryptococcus antigen screening and fluconazole prophylaxis
- Management of HIV-HBV or/and HCV co-infection: How to provide the regimen, and follow-up after treatment.
- New recommendation on IPT prophylaxis, and TB treatment and Management
- The revision on the management of OIs and prophylaxis
- Non-communicable disease and the prevention
- PMTCT and EID
- New VL algorithm
- Treatment failure and the management

During these 5 days: the trainers actively discuss relevant issues in each presentation followed by experiences and practices sharing that enabled participants to be well equipped with sufficient knowledge to provide better quality of HIV care and treatment.

Participants' knowledge was significantly increased from the range of 50% to 64% at pre-test to 77% to 100% at post-test.

The team discussed the limited access to prescribe VL test for pregnant women and get the result back as soon to help identify whether the baby born in high risk or low risk situation.

For instance, at site, they perform VL only once a month, with limited budget. In addition, the laboratory staff only set fixed one day for blood test. So, it is hard to make appointment with the pregnant women for blood test and then the physicians wait long time for the result to get back to the site for reference. In the practical case, how we manage the situation? The team provide such practical suggestion that in case the physicians suspect the poor adherence or the length of receiving of mother on ART is shorter than 4 weeks by the date of delivery to enable ARV to suppress the virus or mother diagnosed HIV positive the delivery or during post-partum period, the physicians should consider it as high risk situation and provide NVP and AZT syrup and refer to the GL.

8. Conclusion

The refresher training was successfully conducted, participant gained their knowledge compare to pre-test and reached the objective.

Phnom Penh, 07 April 2017

Prepared by



Dr. Ky Sovathana

Approved by

Director of National AIDS/HIV Dermatology and STDs



Dr.LY PENH SUN

Annex 1: Photo of the refresher training 27-31 March 2017



Annex2: list of participants 27-31 March 2017

List Presence for refresher training on management of OI/ART for adult clinicians and pediatricians

From 27-31 March 2017

National Pediatric Hospital, Phnom Penh

No ល.រ	Name ឈ្មោះ	Sex ភេទ	Place of work និទាស្ថាន	Position មុខតំណែង/មុខាធិ	Phone Number លេខទូរស័ព្ទ	Signature				
						27-03-17	28-03-17	29-03-17	30-03-17	31-03-17
1	Chhun Kunthea	F	PKSH (AHE)	M.D	012649381					
2	Yong Aros	M	Tboungkhmum	MA	012281876					
3	CHHEM NARITH	M	Thoungkhmum	MD	012873127					
4	YOS SAMNANG	M	RH Thung Kh	M.D.	012299558					
5	Ly Rany	M	KSHA	MD	012 85978					
6	THOR CHANNAK	M	RH CKL	MA	0977360767					
7	Thin Sotheara	M	Chhrouk. Sar	M.D	089.012838					
8	Phoung Phirak	F	AKMI	MD	911899685					
9	Sok Tom	M	AKS	MD	017592600					
10	LOAN SAY BANAN	M	Kg. Chhu Hops	MD Pediatrics	016 802503					

No ល.រ	Name ឈ្មោះ	Sex ភេទ	Place of work និទាស្ថាន	Position មុខតំណែង/មុខាធិ	Phone Number លេខទូរស័ព្ទ	Signature				
						27-03-17	28-03-17	29-03-17	30-03-17	31-03-17
11	VAOV Pisey	F	Calmette	Physician	012568890					
12	OL. Y	M	RH Senmonorom (NDC)	MD	011648973					
13	En Samedt	M	AHE	MD	017271485					
14	Sokong Sereyphaop	M	SHCA	MD	017620608					
15	KHIEV SAMNANG	M	CHC	MD	0188531630					
16	LEAK Ponloeu	M	KSFIA	Ped	016331002					
17	Eng. Limhouy	M	Kg. Chhu H	MD	012887841					
18	SAN SENGHONB	M	RH CP	MD	012 249288					
19	KAO RADA	M	OD 3ST	MD	92634843					
20	Chiv. Sokum	F	RH Kratie	MD	012 992561					
21	SOR socheany	F		Internship (2011)	010677262					
22	Hem Marady	M	NL RH	OI/ART	017872187					

