



Technical report:

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

03-07 April 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 will be 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: 03-07 April, 2017

Venue: Meeting room of National Pediatric Hospital

5. Agenda of the meeting

Time	Theme/Subject of Focus	Moderator/Facilitator
Day 1: 03 April 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- 10:30	Introduction of CoC and B-IACM	Dr. Ngauv Bora
10:30- 12:00	CMV (CMV Retinitis) and HIV	Dr. Phe Thong
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 1	NCHADS Team
Day 2: 04 April 2017		
8:00 - 8:30	Review Day 1	NCHADS Team
8:30 - 9:45	Understanding ART, ART initiation	Dr. Chel Sarim
9:45 - 10:00	<i>Tea Break</i>	
10:00- 12:00	ART Side effect and Drug-Drug Interaction	Dr. Chel Sarim
12:00-14:00	<i>Lunch Break</i>	
14:00-15:15	PCP and other respiratory infections	Dr. Phe Thong
15:15-15:45	<i>Tea Break</i>	
15:45- 16:30	PCP and other respiratory infection (Continue)	Dr. Phe Thong
16:30- 17:00	Wrap up day 2	NCHADS Team
Day 3: 05 April 2017		
8:00 - 8:30	Review Day 2	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	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 3	NCHADS Team
Day 4: 06 April 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	Initial Assessment of OIs and Prophylaxis	Dr. Ky Sovathana
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: 07 April 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. 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

- 4 Pre-ART-ART clinicians and paediatricians from Kampong Speu province
- 3 Pre-ART-ART clinicians and paediatricians from Koh Kong province
- 3 Pre-ART-ART clinicians and paediatricians from Oudor Meanchey province
- 3 Pre-ART-ART clinicians and paediatricians from Kampot province
- 2 Pre-ART-ART clinicians and paediatricians from Pailin province
- 2 Pre-ART-ART clinicians and paediatricians from Kampong Chhnang province
- 1 Pre-ART-ART clinicians and paediatricians from Kep province
- 1 Pre-ART-ART clinicians and paediatricians from Rattanakiri province
- 1 intern, AIDS Care Unit, NCHADS
- 1 Pre-ART-ART clinicians and paediatricians from Centre of Hope
- 1 Pre-ART-ART clinicians and paediatricians from Chhouk Sar
- 2 officers from Khana

In total, there were 24 participants. NCHADS have invited participants from National pediatric Hospital: 2, Khmer-Soviet Friendship hospital: 2 but they were absent.

7. Outcomes

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

- 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
- PMTCT and EID
- New VL algorithm
- Treatment failure and the management
- 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
- Non-communicable disease and the prevention

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 55% to 70% at pre-test to 76% to 98% at post-test.

The team discussed the new recommendation of OIs prophylaxis that the criteria for start, continue and stop of the Cotrim and Fluconazole are very challenging. There will be an increase demand for cotrim, but the stock of cotrim at the sites is limited, and not sufficient to all children patients. The stock of fluconazole is also limited at the site.

Another challenges raised by the participants regarding Cotrim prophylaxis for pregnant women, the clinicians debate on the effect of teratogen that Cotrim could cause to the baby. They defend that the drugs "cotrim" is registered in the category B for pregnancy which mean that it could cause baby defect, especially if it is prescribed during the first three months. However, it was clarified that WHO endorses cotrimoxazole use as a priority intervention in pregnant PLHIV, that there is no conclusive evidence for teratogenicity and that the benefits of cotrimoxazole prophylaxis outweigh any potential risks. The latest Cambodian ART guideline in 2015 clearly indicated as stated in WHO. It, therefore, physicians should be followed as in the criteria for start, continue and stop of cotrim prophylaxis.


Regarding dosage of Fluconazole, the physicians found sometimes fluconazole 100mg and sometimes 150mg, they shared experiences that if only 150mg available, they prescribed taking the fluconazole 150mg 1 pills every two days (3-4 pills per week), which is wrong practices. The trainer clarify on the use of fluconazole should be followed national guidelines.

8. Conclusion

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

Phnom Penh, 18 April 2017

Prepared by



Dr. Ky Sovathana

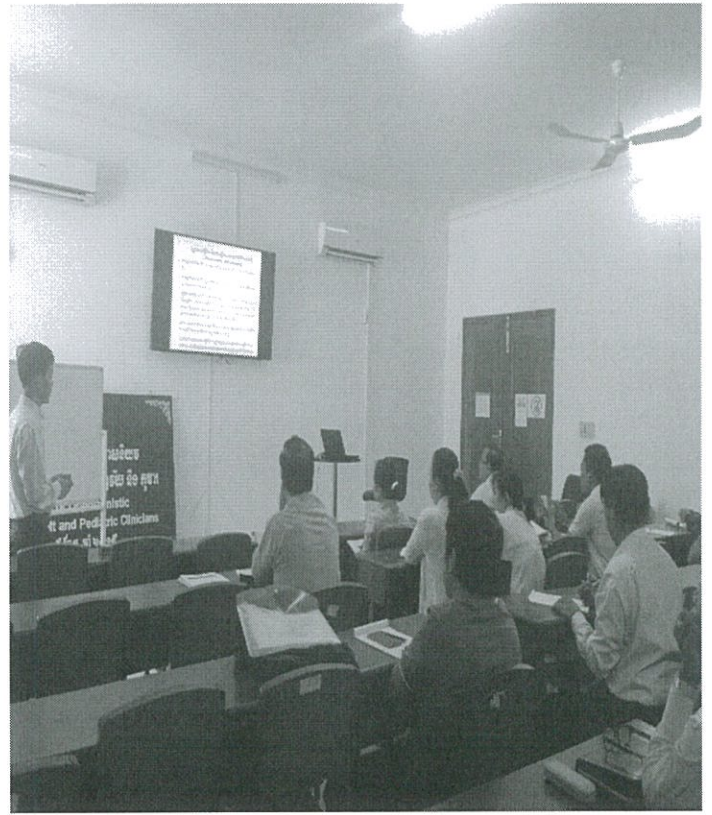
Approved by

Director of National AIDS/HIV Dermatology and STDs




Dr. LY PENH SUN

Annex1: photo of the refresher training 03-07 April 2017



Annex2: list of participants 03-07 April 2017

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

From 03-07 April 2017

National Pediatric Hospital, Phnom Penh

No ល.រ.	Name ឈ្មោះ	Sex ភេទ	Place of work កន្លែងធ្វើការ	Position មុខតំណែង/តួនាទី	Phone Number លេខទូរស័ព្ទ	Signature				
						4/3/2017	4/4/2017	4/5/2017	4/6/2017	4/7/2017
1	TOUY ប៊ាណូន	U	KIDHANG	CDI/5 SE	012926511	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	ឈូ ធីណ	D	KIDHANG	TA	012846485	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	ONG DARA	V	RH Kg chhnang	CDI/2/55 OI/ART	012515166	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	pal pisal	M	ALV RH Concl	CDI/2/55 OI/ART	016510909	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	Sun seachy	M	SUCCIT	IA doctor	010713681	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	RITH KANHA	F	RH. OMC	CDI/2/55 OI	012213005	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	SEANG CHEUYEANG	M	RH-37A (KK)	CDI/2/55 OI	070 836626	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	SOK Pheng	M	RIA-kg-chhnang	CDI/2/55 OI	012552350	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	CHAN SE	M	RH-KEP	CDI/2/55 OI	012714186	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	KHLOY VILAY	M	RH-OMC	CDI/2/55 OI	012918280	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

No ល.រ.	Name ឈ្មោះ	Sex ភេទ	Place of work កន្លែងធ្វើការ	Position មុខតំណែង/តួនាទី	Phone Number លេខទូរស័ព្ទ	Signature				
						4/3/2017	4/4/2017	4/5/2017	4/6/2017	4/7/2017
11	YA SMA EL	M	RH KK	Doctor	016 525043	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	CHHE Jendy	F	RH HK	Doctor	017303933	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13	Chal Sain	M	PH1360	TA of Con Vitr	01290422	<i>[Signature]</i>	<i>[Signature]</i>			
14	Mookmeolben	F	Chhnang Jar	Doctor	012878668	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	Phle Thoy	M	Center of Hope	Doctor	09953905	<i>[Signature]</i>	<i>[Signature]</i>			
16	YEN SOUVANNARY	F	RH Rotanakiri	Doctor	0967660490	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	Ban Vannary	F	SMC	Trainer	089957886	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
18	SOR socheany	F		Internship	010 672262	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	Iam Savandara	M	KPT	Trainer		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20	Toch sokleng	M	RH. W. Pisey	MD OI/ART	016369129	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21	Kea Chanthay	F	Pailin RH	CDI/2/55	0975711236	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22	Huon THIM	M	MD OI/ART	MD OI/ART	089967156	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
23	Sakhon Yuthy	M	RH Pailin	MD	012 575827	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

