



Technical report:

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

01-05 May 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: 01-05 May, 2017

Venue: Meeting room of National Paediatric Hospital

5. Agenda of the meeting

Time	Theme/Subject of Focus	Moderator/Facilitator
Day 1: 01 May 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	Neurological Condition and HIV	Dr.Prak Narom
10:30- 12:00	Cryptococcus Meningitis and Management	Dr. Prak Narom
	CMV (CMV Retinitis) and HIV	Dr. Phe Thong
12:00-14:00	<i>Lunch Break</i>	
14:00-15:15	Understanding ART, ART initiation	Dr. Chel Sarim
15:15-15:45	<i>Tea Break</i>	
15:45- 16:30	ART Side effect and Drug-Drug Interaction	Dr. Chel Sarim
16:30- 17:00	Wrap up day 1	NCHADS Team
Day 2: 02 May 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: 03 May 2017		
8:00 - 8:30	Review Day 2	NCHADS Team
8:30 - 9:45	HIV and Nutrition for Infant and Children	Prof. Ung Vibol
9:45 - 10:00	<i>Tea Break</i>	

10:00- 12:00	Weight Management on HIV-infected Adults and Adolescents	Prof. Ung Vibol
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: 04 May 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: 05 May 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 Calmett 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 Siem Reap province
- 5 Pre-ART-ART clinicians and paediatricians from Takoe province
- 3 Pre-ART-ART clinicians and paediatricians from Svay Rieng province
- 3 Pre-ART-ART clinicians and paediatricians from Kampong Thom province
- 2 Pre-ART-ART clinicians and paediatricians from Stoeung Treng province
- 2 Pre-ART-ART clinicians and paediatricians from Preah Sihanouk province
- 1 Pre-ART-ART clinicians and paediatricians from Preah Vihear province
- 1 Pre-ART-ART clinicians and paediatricians from Samdech Ov Hospital, PP
- 1 Pre-ART-ART clinicians and paediatricians from Pouchentong hospital, PP
- 1 Pre-ART-ART clinicians and paediatricians from Dounkor Hospital, PP
- 1 Pre-ART-ART clinicians and paediatricians from Prasac Hospital, PP
- 1 PASP of municipal health department
- 1 Pre-ART-ART clinicians and paediatricians from Chhouk Sar
- 1 Pre-ART-ART clinicians and paediatricians from Social Health Clinic
- 1 representative of WHO

In total, there were 28 participants. NCHADS have invited participants from National pediatric 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 78% at pre-test to 82% to 100% 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 TB prophylaxis using Isoniazid. At Chhouk Sar Clinic, they have one patient already been on IPT for 5 months until now, then the patient was diagnosed with TB, the physicians started TB treatment, and the question is will the physician need to provide IPT again after finish the TB treatment? Team had shared most of their experiences and practices at the site. However, the recommendation in the guideline is that, if the interruption less than 8 weeks, they should continue the IPT in total period of 6 month prophylaxis. If the interruption is more than 8 weeks, the physicians should restart the IPT for another 6 months as stated in the guideline.

During the session of CMV Retinitis, presented by Dr. Thong, the sites reported that they had a few cases of blindness probably caused by CMV. The team discussed how the sites could refer them to have proper management and treatment for the CMV retinitis. They had shared information and experiences regarding the cases. Dr. Phe Thong suggests 3 places that the sites could refer for eyes checked and treatment including, Centre of Hope, Takoe Eyes Center and Ang Doung Hospital. However, the sites should prepare all the patients documents and good referral documents in order for physicians at Centre of Hope could understand their status and could follow-up the cases most effectively, and make sure the patients have enough financial support to stay longer in Phnom Penh for a period of treatment.

8. Conclusion

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

Phnom Penh, 09 May 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 01-05 May 2017



Annex2: list of participants 01-05 May 2017

List Presence for refresher training on Management of OI/ART for Adult Clinicians and Pediatricians

From 01-05 May 2017

National Pediatric Hospital, Phnom Penh

No. ល.រ	Name ឈ្មោះ	Sex ភេទ	Place of work កន្លែងធ្វើការ	Position មុខកំណែង/តួនាទី	Phone Number លេខទូរស័ព្ទ	Signature				
						1/5/2017	2/5/2017	3/5/2017	4/5/2017	5/5/2017
1	LAY. IFEA & MAPP		PVH	ឧបនាយក	012933003					
2	VIN LY DA	F	Kialanh (IR)	គិលាន	078 553232					
3	SOS MARY	F	chhouw Sar	គិលាន	011-21-71-95					
4	Khum Chhengky	M	Somdech	គិលាន	012989925					
5	Leang chhoray	F	NH	គិលាន	012712662					
6	Sieng Sowatheng	F	MHD	គិលាន	012219683					
7	Leang Chanmoris	F	NH	គិលាន	012944163					
8	BIN BOWIROATH	M	PH SR	គិលាន	012872686					
9	NPP Chandara	M	RH SR	គិលាន	012 998614					
10	ET NARANN	M	RH ST	គិលាន	017 987851					
11	KHSEN VICHETH	M	RH ST	គិលាន	012767689					
12	Héng chhorn	M	RKS	គិលាន	012923578					
13	SOTHNA-PISETH	M	R-H Sotnicum Siem-keap	M-D	012484000					
14	LOP PISETH	M	RH pruy Kabay	M-D	012564376					

