



One Health Training on Rabies for Human and Animal Healthcare workers

Svay Rieng province

20 & 21 March 2024

1. Background

Rabies is a major public health burden responsible of roughly 800 human deaths per year and identified in the list of high-priority zoonotic diseases in Cambodia. Yet surveillance remains limited and access to rabies post-exposure prophylaxis (PEP) is heterogenous. With the support of the Ministry of Health and the Ministry of Agriculture, Forestry and Fisheries, Institut Pasteur du Cambodge and CIRAD launched the KAP Rabies project, funded by the French Ministry of Europe and Foreign Affairs through the Solidarity Funds for Innovative Projects (FSPI). In September 2023, the project launched an online national survey among a random sample of public and private health facilities to assess:

- (i) how many and which types of health facilities deliver PEP in Cambodia,
- (ii) knowledge, attitude and practices (KAP) towards rabies, and
- (iii) rabies training needs among healthcare workers.

Mid-term evaluation results among 784 facilities from 21 (out of 25) provinces showed that

- (i) 87% of facilities receive the visit of bite victims and among them 36% deliver rabies vaccine (32% of all facilities included) and 6% deliver rabies immuno-globulins,
- (ii) 96% declared themselves interested in receiving a training on rabies.**

2 Objectives

- (i) Provide training to human and animal healthcare workers on rabies
- (ii) Strengthen the links between human and animal healthcare workers of Svay Rieng province
- (iii) Validate the training curriculum on rabies through a pre-training and post-training short test
- (iv) Provide the trainees with updated rabies awareness material.

3 Proposed organization training arrangement:

- Trainers:

Dr. Yi Sengdoeurn, Vice director of Cambodia Communicable Disease Department (CDC).

Mr. Sao Sovann, Official of Cambodia Communicable Disease Department (CDC).

Mr. Hak Sochetra, Vice chief of animal clinic management office, GDAH.

Mr. Sin Grandy, Vice chief of surveillance, investigation and prevention control of zoonotic diseases office, GDAHP.

Prof. Dr. Chhor Nareth, Calmet Hospital

Dr. Peng Yiksing, Head of Vaccination Service Unit of Institut Pasteur Du Cambodge (IPC).

- Organizer/Facilitator: IPC
- Participants: 125 people including 61 from human health and 64 from animal health.
- Dates: 2 days (agenda below) on 20 and 21 March 2024
- Venue: Wai Ko Hotel, Svay Rieng province
- Funder: The French Embassy in Cambodia, with funds from the French Ministry of Europe and Foreign Affairs

AGENDA

Time	Activities	Trainers
Day 1 (Morning)		
8:00-8:20	Registration	IPC
8:20-8:50	National anthem Opening Remarks 1. Welcome Remarks of Dr. Ly Sowath, IPC 2. Remarks of Dr. Sok Sotheavuth PAHD (Animal Health) 3. Remarks of Mr. Sin Grandy, GDAHP-MAFF 4. Remarks of Dr. Kuch Sitha PHD (Human Health) 5. Opening Speech of Dr. Yi Sengdoeurn, CDC-MoH	Master of Ceremony
8:50-9:00	Group photo	Master of Ceremony
9:00-9:30	- Introduction of the training: objectives and planning - Introducing the participants by ODs (<i>has to be a short session</i>)	Master of Ceremony
9:30-9:50	Pre-test (<i>Explanation + 15 min test</i>)	IPC
9:50-10:10	<i>Coffee break</i>	
Session 1: What is Rabies? Definition, epidemiology, clinical signs and diagnosis		
10:10-10:30	Rabies definition, epidemiology and transmission	Dr. Yi Sengdoeurn, CDC
10:30-10:50	Clinical signs and diagnosis in humans	Dr. Yi Sengdoeurn, CDC
10:50-11:10	Clinical signs and diagnosis in animals	Mr. Sin Grandy, GDAHP
11:10-11:20	Questions on session 1	CDC and GDAHP
11:20-11:25	Video 1 about Rabies	IPC
11:25-12:50	<i>Lunch</i>	
Day 1 (Afternoon)		
Session 2: Rabies prophylaxis		

12:50-13:30	Prophylaxis in humans -Exposure Categories -PEP -PREP	Dr. Peng Yiksing, IPC
13:30-13:50	IPC's Practical Experience on PEP	Dr. Peng Yiksing, IPC
13:50-14:00	Video 2 about Rabies Prevention on Human	IPC
14:00-14:20	Pre Exposure Prophylaxis (Prep) in dogs: vaccination	Mr. Sin Grandy, GDAHP
14:20-14:30	Questions on prophylaxis in humans and in dogs	IPC and GDAHP
14:30-14:50	<i>Coffee break</i>	
Session 3: Management of clinical cases in humans and in dogs		
14:50-15:10	Management of rabies in humans	Prof. Dr. Chhor Nareth, Calmette Hospital
15:10-15:30	Management of biting and suspected dog + PPE	Mr. Hak Sochetra, GDAHP
15:30-15:40	Questions	Calmet Hospital and GDAHP
15:40-15:45	Video 3 about Rabies Prevention on Animals	IPC
Session 4: Surveillance		
15:45-16:25	IBCM	Mr. Hak Sochetra. GDAHP
16:25-16:55	Rabies Surveillance in humans and reporting in health facilities	Mr. Sao Sovann, CDC
16:55- 17:05	Questions	CDC and GDAHP
Day 2 (Morning)		
8:00-8:30	Registration + IEC material distribution	IPC
8:30-8:45	Review of day 1	Dr. Ly Sowath, IPC
Session 5: Integrated action and scenarios		
8:45-9:05	Presentation of results of KAP-Rabies Survey	Dr. Leng Chanthy, IPC
9:05-9:40	Group work on scenarios	Master of Ceremony
9:40-10:00	<i>Coffee break</i>	
10:00-11:00	Group presentation (6 groups)	all
11:00-11:15	Post-test	IPC
11:15-11:30	Evaluation of training	IPC
11:30-11:45	Certificate and Appreciation Letter Handover	Master of Ceremony
11:45-12:00	Wrap up / Closing remarks	Dr. Ly Sowath, IPC
12:00-13:30	Lunch	

