

## Report on Training course for EPI provincial manager

Lao PDR during 5<sup>th</sup> - 16<sup>th</sup> November, 2018

At Health Promoting Hospital, Health Promotion Center 7<sup>th</sup> KhonKaen

### Objectives

1. To capacity building of EPI provincial manager, Lao PDR
2. Improve communication for the communities participation
3. To change EPI experience between Thailand – Lao PDR

### Results of the training

We followed the lesson plan Training Course in Expanded Program of Immunization For EPI provincial manager from Lao PDR which we modified from WHO modules and the Thai National Vaccine Institute. and also set the workshop during training by studying in well child clinic and field studying in Banphang district hospital, Nongbua sub district hospital. They learnt how to manage the vaccine storage and contingency plan from the Prevention and Control Disease Bureau 7<sup>th</sup> KhonKaen. Total course duration 2 weeks. For the 2<sup>st</sup> session we had 25 participants from 9 provinces. They were the physicians and the staffs who response to EPI in Lao PDR.

We found the result of training were:

1. The comparison scores of Pre-Post examination were 24.2 (44.0%) and 45.6 (82.9%) respectively from the full score 55 (100%) . They had developed 46.9 %

2. The course evaluation, the average of satisfaction was 91.6 , the most satisfaction was the service of staffs 96.0%. The subordinates were the co-coordinating for training, the facilities during training and the opinion about training overview which was equity 95.2% . The suggestion were the lecture should be Thai language more than English. They ask for the longer period and let them more practice in clinic. Also the trainer should evaluate in their health station, Lao PDR later.

3. The evaluation of lecturers satisfaction at 93.0%. The ability to transfer knowledge and experience were clearly was the most at level 96.4%.

4. The analyzing of the different EPI management between Thailand – Lao PDR. Actually we are similar of vaccines because of the diseases but the optional vaccines list in Thailand were regulated in Lao PDR and free of charge. Lao faced about the inefficiency of provider and the staff had many duties in the same time. They lacked of communication to the clients and then effected to the next appointments. They also had the obstacles about the geographic in addition the traditional and cultural. The advantages of attending the training are how to overcome these problems. They learnt to build health literacy for the communities and wonder of herd immunity problem. They plan to do in next step as follow:

- 4.1 Set the target goal
- 4.2 Team providers at setting and in the communities
- 4.3 Set places to provide vaccination where are easy access
- 4.4 Set enough budget for EPI management
- 4.5 Calculation the enough vaccine and equipments
- 4.6 Important and strict of cold chain system in every level of service
- 4.7 Set report system in annual , trimester and month
- 4.8 Empowerment staffs who response EPI management
- 4.9 Seek for the target who lost vaccine and make coverage by accuracy report system

4.10 Give knowledge or health literacy during the services

4.11 The adverse events after vaccination should report immediately and investigate

4.12 Good communication and point to the benefits of vaccination

4.13 The knowledge of provider is important

4.14 The media relations were important

5 They had learnt about preparing for the immunization session from district and sub district hospital. They had to talk about the role of village health volunteers who seek for pregnant women and new born and follow them for vaccination. If they had migrated the report will show vaccine data as well.

### **Suggestion**

1. Gain more training period and more providing practice in clinic for participants
2. The evaluation should be at health stations in Lao PDR after training 3 - 6 months .

**Signature**



**Reporter**

(Ms.Kanchana Lueangu-bon

Date 22 November, 2018

## Lesson Plan Training Course in Expanded Program of Immunization

For EPI provincial manager from Lao PDR

Course Duration 2 weeks

### Objectives

1. To improve the EPI in Lao PDR
2. Capacity building of EPI provincial manager
3. Improve communication for the communities participation

Title	Objectives	Content	Teaching Method	Equipments	Evaluation	Duration	Trainer
Orientation	<ul style="list-style-type: none"> <li>-To know HPC 7 and responsibilities</li> <li>- To know KK and local Cultural</li> <li>- To be relax and feel free in the training course</li> </ul>	<ul style="list-style-type: none"> <li>-Introduce HPC7 team</li> <li>- Introduce the responsibility of HPC7</li> <li>- Travel the important place in Khonkaen</li> </ul>	<ul style="list-style-type: none"> <li>Presentation</li> <li>Site visit</li> </ul>	<ul style="list-style-type: none"> <li>PPT</li> <li>Vans and Guide</li> </ul>	<ul style="list-style-type: none"> <li>Observe Participant's Participation</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>Director</li> <li>Mrs.Pannapa Madsathan</li> <li>Ms.Kanchana Lueangubon</li> <li>Mrs.Kusuma VIRTE</li> </ul>
1.Disease and vaccine in Loa PDR	<ul style="list-style-type: none"> <li>- To know the meaning each kind of vaccine</li> <li>- The benefit of EPI</li> <li>- To identify target disease</li> </ul>	<ul style="list-style-type: none"> <li>- Meaning each kind of vaccine</li> <li>- Target disease which can be</li> </ul>	<ul style="list-style-type: none"> <li>- Lecture</li> <li>- Discussion</li> </ul>	<ul style="list-style-type: none"> <li>-PPT</li> <li>-Table of Lao vaccination program</li> </ul>	<ul style="list-style-type: none"> <li>- Reflection</li> <li>- Pre-post test</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>Dr.Naruchit Takmo</li> <li>Pediatrician</li> </ul>

Title	Objectives	Content	Teaching Method	Equipments	Evaluation	Duration	Trainer
	which can be prevented by vaccines - To understand the cause of disease clinical symptom , pathology, transmission, investigation and prevention , - Vaccine program in Lao PDR	prevented by vaccines -The cause of disease, clinical symptom , pathology, transmission, investigation and prevention - Vaccine program in Lao PDR and Thailand		-Table of Thailand vaccination program -Scenario and Jigsaw functional of immunization			
2.Effective vaccines & Cold Chain management	- Can explain the important of Cold Chain and equipments in Cold Chain system include how to maintain them - Can diminish when the vaccine is exposed to	-Meaning of cold chain and the necessary - Cold chain system - Cold chain equipments	- Lecture -Demonstration - Role play -Site visit -Discussion	-PPT -Model of the refrigerator -Vaccine cards -Vaccines box	-Reflection -Re-check vaccine storage - Pre-post test	3 hrs	Mrs.Kanlaya Sakulthai CDC

Title	Objectives	Content	Teaching Method	Equipments	Evaluation	Duration	Trainer
	inappropriate temperatures - Can solve the problem in Cold Chain breakdown - Can monitor the cold chain system	Temperature - Monitoring and devices -Shake test -Vaccine stock management					
3.Immunization Safety and Adverse Following Immunization (AEFI)	- To manage Immunization safety and injection safety - To know the symptom may be occurred after vaccination and necessary treatments - To prepare the available services and procedure to provide when there are adverse following	-Immunization safety -Injection safety - Service and procedure provide for adverse following vaccine - Priority of	- Lecture -Demonstration - Role play	-PPT - Scenario - Match cards Vaccine – AEFI - Baby doll -Syringes and needles - Adverse Event Report Form	-Reflection - CPG for AEFI - Pre-post test	3 hrs	Dr.Vasinee Titapun Pediatrician

Title	Objectives	Content	Teaching Method	Equipments	Evaluation	Duration	Trainer
	immunization - To know how to check vaccine combine and Lot number - Can communicate with the clients	vaccine and lot number		-			
4.Micro Planning	- How to plan EPI services - How to identify high risk communities	- Calculate vaccine - Data of vaccine	- Workshop	-Scenario - Estimate table vaccine form -Reporting form - Record form after service	- Complete and correct of full fill form Pre-post test	2 hrs	Mrs.Praweena Sachapong CDC

Title	Objectives	Content	Teaching Method	Equipments	Evaluation	Duration	Trainer
5.Managing the Immunization session	<ul style="list-style-type: none"> <li>- To prepare for the immunization session</li> <li>- Do a session plan where and when immunization will be given</li> </ul>	<ul style="list-style-type: none"> <li>-Preparing for the immunization session</li> <li>- communicating with caregivers</li> <li>- Assessment target group</li> <li>- Assessing infants for vaccination and Giving vaccine</li> </ul>	<ul style="list-style-type: none"> <li>- Lecture</li> <li>-Demonstration</li> <li>-Role play</li> </ul>	<ul style="list-style-type: none"> <li>- scenario communities</li> <li>-vaccine table</li> </ul>	<ul style="list-style-type: none"> <li>- Plan of immunization session</li> <li>Pre-post test</li> </ul>	2 hrs	Mrs.Praweena Sachapong CDC

Title	Objectives	Content	Teaching Method	Equipments	Evaluation	Duration	Trainer
6.Monitoring and Supervision	<ul style="list-style-type: none"> <li>- To do recording and reporting include the information on disease incidence and AEFI</li> <li>- To monitor all the targets are immunized</li> </ul>	<ul style="list-style-type: none"> <li>-The immunization monitoring necessary</li> <li>- How to do record cards</li> <li>-Vaccine coverage</li> <li>-expected vaccine and usage rate</li> </ul>	<ul style="list-style-type: none"> <li>- Lecture</li> <li>- Role play</li> </ul>	<ul style="list-style-type: none"> <li>- PPT</li> <li>-Reporting form</li> <li>- Record form after service</li> <li>- Scenario</li> </ul>	<ul style="list-style-type: none"> <li>-Review data</li> <li>-Supervision check list</li> <li>Pre-post test</li> </ul>	3 hrs	Mrs.Nichapat Boonswadkulchai Health Provincial office

Title	Objectives	Content	Teaching Method	Equipments	Evaluation	Duration	Trainer
7.Communication	- To know how to communicate to the communities and caregivers to enhance satisfaction and trust for vaccine coverage	<ul style="list-style-type: none"> <li>- Pre counseling vaccine</li> <li>- Post counseling vaccine</li> <li>- communication to parents</li> <li>- Communication to communities</li> <li>- Health believed theory</li> <li>- Health literacy of immunization</li> <li>-Parental school</li> </ul>	<ul style="list-style-type: none"> <li>-Lecture</li> <li>- Demonstration</li> <li>- Role play</li> <li>-Observe parental school</li> </ul>	<ul style="list-style-type: none"> <li>-PPT</li> <li>-Scenario</li> <li>-Clip VDO</li> <li>-Games</li> </ul>	<ul style="list-style-type: none"> <li>- Reflection</li> <li>- Performance activities</li> <li>Pre-post test</li> </ul>	3 hrs	Mr.Pipat Fusrinual HPC 7
8.Surveillance	- Can explain what is	-Introduction to	-Lecture	-Scenario	- Performance	3 hrs	Dr.Wantana

Title	Objectives	Content	Teaching Method	Equipments	Evaluation	Duration	Trainer
	disease surveillance in Lao? - To explain type of surveillance - How to response to the disease	surveillance -Disease surveillance Useful	-Discussion	-Daily record -weekly record - Monthly record	activities Pre-post test		Klanguburum CDC
9.Supplementary Immunization activities (SIA	- How to planning and prepare activities for SIAs	- Planning and preparatory activities for SIAs	-Lecture -Role play - Discussion	-Scenario -Flow chart Of Outbreak response and	- Performance activities	3 hrs	Dr.Wantana Klanguburum CDC

Title	Objectives	Content	Teaching Method	Equipments	Evaluation	Duration	Trainer
		-Out break response and management -estimate vaccine in outbreak area		management			

### Schedule

Training Course in Expanded Program of Immunization for the Participants from Lao PDR

5<sup>th</sup> - 16<sup>th</sup> November, 2018

Week 1<sup>st</sup>

Time	Mon 5	Tue 6	Wed 7	Thurs 8	Fri 9	Sat 10	Sun 11
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Time	Mon 5	Tue 6	Wed 7	Thurs 8	Fri 9	Sat 10	Sun 11
09.00-12.00 AM	<b>Orientation</b> Khon Kaen <b>Openning ceremony</b> HPC 7 KhonKaen responsibilities HPH responsibilities Director	<b>Oreintation WCC</b> ·Parental school Ms.Krisada Ua-apisak Visit WCC clinic	<b>WCC Clinic</b> <b>Pre-Post Conference</b> Ms.Pathidta Dethyothin	<b>WCC Clinic</b> <b>Pre-Post Conference</b> Ms.Sununta Namjaidee	· WCC Clinic ·Parental school <b>Pre-Post Conference</b> Mrs.Nuntawan Sakuldee	Self Study	Self Study
13.00-16.00 PM	<b>Pre course questionnaire</b> <b>Visit clinics and</b> · <b>Supporter unit</b> Ms. Kanchana Lueangubon Mrs Kusuma VIRTE	<b>Disease and vaccine in Loa PDR</b> Dr.Naruchit Tuckmo Pediatrician HPC7 Ms.Sununta Namjaidee	<b>Immunization Safety and Adverse Following Immunization (AEFI)</b> Dr.Vasinee Titapun Pediatrician HPC7 Mrs.Pathidta Dethyothin	<b>Micro Planning and Managing the Immunization session</b> Ms.Praweena Satchapong CDC 7 Khonkaen	<b>Work Shop</b> <b>Post conference</b>		

Week 2<sup>nd</sup>

Time	Mon 12	Tue 13	Wed 14	Thurs 15	Fri 16	Sat 17	Sun 18
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Time	Mon 12	Tue 13	Wed 14	Thurs 15	Fri 16	Sat 17	Sun 18
09.00- 12.00 AM	<b>WCC Clinic Pre-Post Conference</b> Mrs.Pathidta Dethyothin	<b>Parental school in ANC clinic</b> Ms.Wilailuk Piyawattanapong	<b>Communication</b> Mr.Pipat Fusrinual Ms.Krisada Ua-apisak <b>Communication in clinic foe vaccination</b> Mr.Mahaesak phuriwatpakorn Ms.Pratoon Phothijinda HPC7 Khonkaen	<b>Monitoring and Supervision</b> <b>Field study in Khonkaen Health provincial</b> Mrs.Nichapat Boonswasdkulchai	<b>Post test Course evaluation</b> Ms.Kanchana Lueangubon	Self Study	Self Study
13.00- 16.00 PM	<b>Effective vaccines &amp; Cold Chain management</b> Ms.Kanlaya Sakulthai CDC 7 Khonkaen	<b>Supplementary Immunization activities (SIAs)</b> Dr.Wantana Klangburum CDC 7 Khonkaen	<b>Surveillance</b> Dr.Wantana Klangburum CDC 7 Khonkaen	<b>Visit District –sub disdriect hospital Health volunteer</b> Ms.Kanchana Lueangubon Ms.Sasiwimon Tongpua	<b>Summary and experience Sharing Closing ceremony</b>		

















