

Kingdom of Cambodia

Nation Religion King

Report of Meeting on Strengthening the Trainer's Capacity of Medical Laboratory and In-service Training of Biochemistry for Laboratory Technicians



- Date: 18-21 February, 2019
- Venue: Kampong Cham Provincial Hospital, Kg. Cham Province
- Participants:
 - Head / deputy head of laboratory / staff from laboratory were specific selected.
 - Team of Bureau of Medical Laboratory Services (BMLS) of Department of Hospital Services (DHS).
 - Stakeholders for laboratory strengthening. (see list attach)

Background

Continuous (in-service) training is commonly considered as one important component for capacity strengthening of laboratory professionals. Countrywide assessments on laboratory system and capacity showed obviously the need of regular in-service trainings for laboratory technician in specific field that need in troubleshooting routine problems and to update knowledge. Within the Cambodian laboratory network, a comprehensive in-service training plan has to be established to serve as national common guideline for training preparations and training strategy. This plan will allow the Ministry of Health (MOH) to foresee the human resource development need, to adapt the need following priority and feasibility and to be able to monitor the in-service trainings and achieve trainings already done.

In this regard, Fondation Mérieux (FMX) has collaborated with the Department of Hospital Services (DHS) in 2017 to create a working group lead by the Bureau of Medical Laboratory Services (BMLS) to establish a National in-service training plan for laboratory technician. In 2018, the BMLS finishes the 1 draft of the training plan fully reviewed by stakeholders for laboratory strengthening.

Furthermore, DHS still need to Strengthen the Trainer's Capacity of Medical Laboratory to be complete their knowledge that will share to other laboratory technicians for enhancing of their process with quality.

The Objective:

This meeting aims to provide the good of model pedagogy to the trainers who will continue to train laboratory technicians in in-service training apply with the training plan which has been reviewed by stakeholders. The biochemistry performing technique was one priority to conduct among twelve modules which were prepared in the training plan.

Summary of activities on 18-19 February 2019

Dr. Yin Sinath, Director of Kampong Cham Provincial Hospital, Welcome to all participants and brief summary of Kampong Cham Hospital is CPA3 level with 260 beds

and 335 staff. He also said about improvement in this hospital include laboratory services and still need help for supply equipment and training for the lab technology.

Dr. Chloe Greeting and brief introduction of Fondation Merieux and notice the laboratory is essential for health service. This is the training to build capacity for technicians to be a trainer.

Dr. Isabel, Greeting and brief introduction from Catholic de Lyon where is provide in laboratory, pharmaceutical field for factory, and pedagogic which is providing training for these fields. Fondation Merieux cooperate with the university for 15 years already.

Opening remark, Dr. Sau Sokunna, Deputy Director of DHS, he rased the requirement of the regional health security and international health regulation (IHR) that really need the supported from laboratory. The refresher training capacity of staffs in performance to strengthen the laboratory quality is very important.

The models on how to prepare lesson plan and choose the correct word to complete the smart objectives, be awareness and describe an audience, type of evaluation and strategy of pedagogy were training and then divided into four groups practice,

- Group 1: Electrophorese Biomedical
- Group 2: Use of Spectrophotometer
- Group 3: Principal of Electrophorese
- Group 4: Role of pedagogy

Each group need to prepare the course outline:

- Course objective
- Description
- Method of presentation
- Method of evaluation
- Materials need
- References

The comments and suggestions were noted and corrected by trainer's expert. The detail explanation of each steps in power point preparation with race a few questionnaires. The method of preparation for good practicing pedagogy for practice teaching with materials need (Checklist, video..)

Summary of activities on 20-21 February 2019

Dr. Sau Sokunna, introduce to the course and asked participants to introduce of them self.

The presentation of initiative of phenomenal absorbent molecular of spectrophotometer and the detail of principal with practice of calculated absorbent molecular. The practice with spectrophotometer machine on some biochemistry tests were done.

Challenges

The labs technician's capacity was different and the translators have limited in some general wards. Some documents were not yet translated inti Khmer version.

Recommendations

- All documents should be translated into Khmer version
- The training should have an agenda and a list of some logistics need.
- The course should add more time as need for translating.

Phnom Penh, 22 February 2019
Reported by

Seen and approved
Deputy Director of DHS

Dr. SAU SOKUNNA

Ph. Uch Monipheap

Photos:

