

Event

The 3rd Consultative Meeting for Specimen Referral and Transportation and Biosafety Storage of Hazardous Substances

- **Date:** November 1- 2, 2018
- **Venue:** **Phnom Bros Hotel, Meeting room (Province)**
- **Participants:** National, CPA3 with Microlab (Lab Manger) and Partners
- **Posted:**
- **Theme:** Biology Laboratories Sciences and Activities
- **Type:** Event
- **Language:** English and Khmer

Draft guideline for specimen packaging and transportation is resulted of 1st and 2nd meeting consultative which held on previous year. This meeting is aim to discuss for 9 points addressed to Specimen referral and transportation system that is the need for good final guideline. Stakeholder/laboratory managers who are currently experience working at microbiology laboratory in the public hospital are invited to make a flow draft model for Cambodia by following model developed by WHO/USCDC.

Output: The national guideline of transportation specimen adopt to IHR were finalized by stakeholder group discussion. Some micro laboratories were discussed and ask for volunteer to implement the pilot of decentralization the storage specimen at provincial level where human resource and location capacity acceptable. We need more time to prepare before timeline training, choosing concerned people/lab,

Agenda

Day 1	Session	Speaker(s)/ Moderator(s)
8:00 - 8:30	Registration	Secretariat BMLS
8:30 - 9:00	Opening remarks	Director PHD Kampong Cham Dr. SAU Sokunna, BMLS Dr. Natacha Milhano WHO
9:00 – 9: 30	Summary of past consultative meeting, and meeting overview: where are we now?	Dr. SAU Sokunna, BMLS
9:30 - 10:00	Coffee break	
10:00 - 11:00	National specimen packaging and transportation guidelines: practical considerations	Dr. Natacha Milhano WHO Mr. Ieng Vanra, WHO
11:00 - 12:00	Group work: scenario presentation	All

12:00 - 1:30	Lunch	
1:30 – 15:00	Group presentation and discussion	All
15:00 – 15:30	Coffee break	
15:30 – 16:00	Specimen referral and transportation system set up: next steps and action plan	Dr. SAU Sokunna, BMLS
16:00 – 16:30	Wrap up and concluding remarks	
Time Day 2	Session	Speaker(s)/ Moderator(s)
8:00 – 8:30	Registration	BMLS
8:30 – 9:30	Opening remarks	H.E Ke Da, CBRN Dr SAU Sokunna, BMLS Dr. Natacha MILHANO, WHO
9:30 – 9:50	Coffee break	
9:50 – 12:00	Finalizing list of hazardous substances: group work	All
12:00 – 13:15	Lunch	
13:15 – 14:40	Development of a checklist for the storage, collection and disposal of hazardous substances: group discussion	CBRN
14:40 – 15:00	Coffee/tea break	
15:20 – 16:20	Development of a checklist for the storage, collection and disposal of hazardous substances: group discussion	All
16:20 – 16:40	Next step for storage, collection and disposal of hazardous substances	CBRN
16:40 – 17:00	Wrap up and concluding remarks	Dr. SAU Sokunna, BMLS

Report of the meeting

The meeting was being held at Phnom Bros Hotel meeting room in Kampong Cham province from 1-2 November 2018.

30 participants:

- The opening remark ceremony by Deputy Director of Kampong Cham Health Department Prof. Assistant PANG Dany.
- Dr. Sokunna mentioned about the participation and commitment for all lab
- The meeting discussion on decentralization of storage specimen at provincial level where human resource and location capacity acceptable (selection and financial support from partners).
Decentralization: 24h/24h responsible each event/epidemiology
- Should Finish Biosafety and Biosecurity Legislation of High Pathogen Agent and its Toxin
- Need participation from concerned department, national and provincial level, and partners such as WHO and US-CDC
- Show the map of microsites that all members could access via online, item shipped, additional tracking outside lab including time and place, Vanra leng, IT specialist, WHO
- National specimen packaging and transportation guidelines: practical considerations, Dr. Natacha Milhano
- ***Practice exercises by 3 group:*** discussion base on 9 points (1- planning, 2-human resources, 3- training, 4- supply chain, 5-system for transport, 6-monitoring and evaluation, 7- partners, 8- communication, 9-others): 1/ ILI/SARI/AMR 2/Outbreak (most affected provinces) 3/others surveillance system/**routine** ? JE, dengue, malaria...

Group AMR (group 1)

Points	Comment
Planning	- Budget training estimation 4 times/year = 40,000 USD should flexible to action plan stimulation as 1 or 2/year
Supply Chain	- Support freezer upon lab level, short and long term - Maintenance is costly, need engineer team

Group Outbreak (group 2)

Points	Comment
Human Resource	-Add outbreak partners eg. AFRIM
Training	-Instead of training 2 times/year, do action plan for stimulation 1 time/year

Supply Chain	Should put at central level Follow flow of DDF for sustainability
System Transport	- Add more driver base on situation and one standard condition; eg. Taxi, company, PHD driver, team collector's car, contract...ect

Group routine (group 3)

Points	Comment
Planning	- Software maintenance and electricity supply
Training	Should learn and understand from our existing document, eg. Biosafety guideline, training curriculum,... Internal trainer: lack of materials

- Point to consider: ***How many sites are involved? How do they usually transport specimens? Are the transporters trained?***
- Chemical substance is the compound in IHR and is the big compound in CBRN, Cooperate between CBRN's Cambodia and MoH/NAPHRI to mitigate and protect against hazardous threats.
- In Cambodia, Minister who occupied ministry of national defence is the chair of CBRN's Cambodia
- CBRN's Cambodia: National authority involved in chemical biological radiological and nuclear defense (Jun 27, 2006)
- CBRE's Cambodia : National authority chemical biological radiological explosion defense (Mar 28, 2007)
- Why import/export chemical substance need license? Who use these substance? (health sector, agriculture area, industry sector and handcraft sector) Which ministry responsible providing license? (ministry of industry and handcraft)
- Ministry of National Defence also made the Commission destroy chemical substance/chemical weapon waste from war in Cambodia: Minister of national defence is chair and H.E KE Da is member.
- Chemical Refresher of 1st and 2nd Meeting by Dr. Natacha:
 - 1/everybody know about globally harmonized system?
 - 2/What do the symbols mean?
 - 3/what to look for in each symbol and it detail SDS...?
 - 4/Hazardous materials classification
 - 5/Safety data sheet (SDS)
 - 6/Chemical storage (flammable solvents is large quantity), Best storage schemes
 - 8/Chemical incompatibility matrix
 - 8/ Practical consideration of storage (improper storage)
 - 9/Chemical list of btt, kgcham, NPH, SR, CNM, NAPHRI

10/Chemical List of Laboratory of MoH Cambodia in excel sheet

11/**Chemical Check List:** personnel, handling and labelling chemical containers, storage areas, storage shelves, storage containers, chemical storage, disposal, working area and housekeeping, emergency preparedness

- **Group discussion on Checklist of Chemical Handling, Storage and Disposal: (chemical handling checklist)**

Group 1	Modifying
Personnel	Add point 8: employees have been trained on stock management/disposal/neutralization?
Handling and labelling chemical containers	Add point 9. All chemical containers are appropriated to chemical condition?
Group 2	Modifying
Storage area	5- What is the minimum size of aisle? Should be mentioned in this point 7-How much volume of chemical that considered minimum quantity?

Group 3	Modifying
Chemical storage	3- add phrase: and place in safety and appropriate shelf/cabinet/room away from compromised working area move point 4 from peroxide forming chemical to Chemical storage (4. chemical are labelled with date received, date opened, and disposal date)
Caustics	1- and keep below the eyes level
Flammables	3- Keep point 3 and add other option available in Cambodia. Move point 4. absorbents are available for leaks or spill to Emergency preparedness

Group 4	Modifying
Disposal	2-add word “their percentage waste stream” instead of “their waste stream” 3-change phrase to : waste chemical containers are tightly closed 9-add more detail question: Liquide waste? Treatment before dispose to main drain solid waste? Treatment (neutralization, Dilution....) Gas/aerosol container waste -add point: 12 Empty Chemical containers are disposed in proper procedure?

Result:

- ▶ Interested comment of Dr.Natacha Milhano: we need more time to prepare before timeline training (driver, packaging). The project need to start at least first quarter of 2019!
- ▶ Dr. Sokunna: Ask to find volunteer laboratory to be chosen in pilot the decentralize the project
- ▶ Takeo and kampong Cham and Battambang are volunteer
- ▶ Dr. Monidarin: UHS want to involved in the sites select for research purpose

Photos of the workshop: see attached files

Presentation: see attached files