

## **INTERNATIONAL TRAINING COURSE ON MALARIA PREVENTION AND CONTROL FOR AFRICA**

### **BACKGROUND**

Malaria is a major public health problem in many areas of the world. It is estimated that each year, 300 million cases occurs, resulting in 1 million deaths. About ninety percent of these occur in African Countries especially South Africa. Most of the cases are children under five years old. To support the policy of the Government of Thailand for the enhancement of the country relation between Thailand and African Countries, the Bureau of Vector Borne Disease, Department of Disease Control, Ministry of Public Health is assigned to convene a training course on Malaria Prevention and Control to technically supporting 5 African Countries where malaria is a major health problem.

### **PURPOSE**

1. To provide essential knowledge and skills on malaria prevention and control for the malaria personnel.
2. To facilitate exchange of knowledge and experiences among the participants' countries and strengthen malaria control network.

### **OBJECTIVES**

At the end of this course the participants will be able to :-

1. Analyze malaria situation using evidence-based approaches.
2. Understand key elements in malaria control and develop skills to appraise existing malaria control in different settings.
3. Use problem-solving process to initiate control strategies needed to improve effectiveness of the control program.

### **UNIQUE FEATURES OF THE COURSE**

- Addressing problems of forest malaria in Southeast Asia, and Africa.
- The curriculum is performance-based training, focusing on building skills, knowledge and attitudes needed in analyzing, planning, implementing and assessing of a malaria control program.
- Using current educational approaches such as participatory learning that allow participants to develop life-long learning skills; critical thinking and problem solving.

### **COURSE LAYOUT**

The course is divided into 4 blocks.

**Block 1 Introduction to managerial skills ;** team building, critical thinking and problem solving skills.

**Block 2 Essential control elements ;** Epidemiology and statistic for malaria control, Malaria epidemiology.

**Block 3 Situation analysis and appraisal of existing control;** Disease management, Vector and vector control, Social mobilization.

**Block 4 Field work;** identify problems and give appropriate recommendations to address malaria problems in given localities based on situation analysis.

### **NUMBER OF PARTICIPANTS**

There will be a maximum of 20 participants.

### **QUALIFICATION FOR APPLICANTS**

- Medical doctor or other health personnel with education level equivalent to university graduate (not less than Bachelor degree)
- At least two years of working experience in the field of malaria control
- Age forty-five or under
- Adequate proficiency in reading, writing and speaking of English
- Good health, both physically and mentally

*Pregnancy is regarded as a disqualified condition for participation.*

**DURATION:** Four weeks.

**LANGUAGE:** The course will be conducted in English.

### **TEACHING ACTIVITIES:**

1. **Lecture:** The instructors will give lecture relating to the curriculum by interactive method.
2. **Group Discussion and exercise on given malaria situation:** The malarial scenarios; case study and the situation have been developed and will be distributed to the participants, they will discuss in a group to find out the suitable solution, which will be guided by facilitators. The instructors will prepare a technical paper or short summary for reading in advance.
3. **Reflection and Summary:** The participants will daily reflect and summarize the previous day learning. The facilitators will help clarify some issues or other valuable suggestions.

### **INSTRUCTORS AND FACILITATORS**

- The Ministry of Public Health, Department of Disease Control, Bureau of Vector Borne Disease, Vector Borne Disease Training Center, Office of Disease Prevention and Control.  
Faculty of Tropical Medicine, Mahidol University.

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