

# **Training Course Outline for Establishing a Quality Management System for Medical Laboratory in Thailand (MOPH Lab standard)**

## **Course Overview:**

The training course aims to provide the conceptual framework on how to develop and implement appropriate laboratory quality at the national standard. The course comprises the establishment and implementation of quality management system, national standard and the corresponding accreditation system including step of procedures, the web-based management, site visits to the national accreditation office and the remote laboratory which is undergoing implementation of the MOPH standard.

**Training Duration:** 5 days

**Training Location:** Department of Medical Sciences

## **Day 1: Introduction to Quality Management system**

1. Overview of medical laboratory in Thailand
2. Thailand policy for quality and standard
3. The concept of Laboratory Quality Management System
4. Thai EQAs

## **Day 2: Quality Standards for Diagnostic Radiology**

1. Development and Implementation of MOPH standard in Thailand
2. Information technology and database
3. Requirement of MOPH Standard

## **Day 3: Medical Laboratory Accreditation in Thailand**

1. Overview of accrediting bodies in Thailand
2. Requirements and processes for MOPH accreditation
3. Auditing laboratories according to MOPH Standard

## **Day 4: Field visit accredited medical laboratories**

## **Day 5: Final Discussion and Certification**

1. Lesson learned from the training course
2. Discussion and conclusion
3. Closing ceremony and Presentation of Certificates

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