

Training Course Outline for Establishing a Quality Management System for Diagnostic Radiology Laboratory in Thailand (MOPH X-ray standard)

Course Overview:

This course is designed to provide radiology laboratory managers, technicians, and quality control officers with the knowledge and skills necessary to establish and maintain a robust Quality Certification System (QMS) for diagnostic radiology. The course addresses the MOPH X-ray standard, and practical approaches to quality assurance, safety, and compliance with accreditation.

Training Location: Department of Medical Sciences

Training Duration: 5 days

Day 1: Introduction to Diagnostic Radiology Laboratory (DRLab) in Thailand

1. Academic of diagnostic radiology in Thailand
2. Diagnostic radiology services in Thailand
3. The role of the Thai National Board of Radiological Technologists and association
4. Global and Thailand trends in diagnostic radiology quality.
5. Overview of radiation protection in diagnostic radiology
6. Key performance indicators (KPIs) for diagnostic radiology.

Day 2: Quality Standards for Diagnostic Radiology

1. The role of the International Atomic Energy Agency (IAEA) and World Health Organization (WHO) in radiology standards.
2. The requirement of MOPH X-ray standard
3. The implementation of MOPH X-ray standard in Thailand

Day 3: Regulatory Compliance and Accreditation in Thailand

1. Compliance with Thai Laws and Policies
2. Steps for obtaining and maintaining DRLab licenses.
3. Overview of accrediting bodies in Thailand
4. Requirements and processes for MOPH X-ray accreditation

Day 4: Field visit accredited DRLabs

Day 5: Final Discussion and Certification

1. How to establish Quality Management System and accreditation system in their countries
2. Discussion and conclusion
3. Closing ceremony and Presentation of Certificates

Contact: Bureau of Laboratory Quality Standards, Department of Medical Sciences, Ministry of Public Health, Thailand

Email: blqs02@dmsc.mail.go.th