

# Postgraduate WFME for Quality Assurance in Thailand

*Thawornchai Limjindaporn, MD, PhD*

*Associate Professor*

*Deputy Dean of Postgraduate Education*

*Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand*

# WFME (World Federation for Medical Education)

- The WFME Recognition Program evaluates agencies against internationally-accepted criteria for accreditation.
- Recognition status is the quality measure which confers the understanding that the quality of medical school education in accredited schools is to an appropriate and rigorous standard.
- WFME publishes international best practice “Global standards for quality improvement of medical education” covering Basic medical education (BME); Postgraduate Medical Education (PME); and Continuing Professional Development (CPD) of medical doctors.

# Global standards for quality improvement of basic medical education (BME)

- Japan Accreditation Council for Medical Education (JACME)- **Japan**
- Australian Medical Council (AMC)- **Australia and New Zealand**
- Korean Institute of Medical Education and Evaluation (KIMEE)- **Republic of Korea**
- Liaison Committee on Medical Education (LCME)-**USA**
- Committee on Accreditation of Canadian Medical Schools (in cooperation with LCME)-**Canada**
- Institute for Medical Education Accreditation (IMEAc)- **Thailand**

# Basic Medical Education (BME) in Thailand

## 1. Doctor of medicine 6 years

- Input: High school graduates
- Output: MD: General practitioners

# Postgraduate Medical Education (PME) in Thailand

## 1. Specialty training 3-5 years

- Input: General practitioners
- Output: Diploma of Thai Board: Medical specialists

## 2. Sub-specialty training 2 years

- Input: Medical specialists
- Output: Diploma of Thai Sub-Board: Medical sub-specialists

# Postgraduate Medical Education (PME) in Thailand

**Medical Council**



**Subcommittee of Medical Council for Residency training**



**Royal Colleges of Clinical Specialists**



**Subcommittee of Royal Colleges for Residency training**

**WFME  
Subcommittee**

# Rationale for PME Reform in Thailand

- **CHANGE** from “System based training” to “ Outcome/ Competency based training”
- **Frameworks:**
  - **WFME(PME)**
  - **Competency base training modified form ACGME**
- **Implementation:** **Expected Learning Outcomes (ELOs), Entrustable Professional Activities (EPAs), and Milestones**

# Global standards for quality improvement of postgraduate medical education (PME)

**Area 1: Mission and outcomes**

**Area 2: Educational programme**

**Area 3: Assessment of trainees**

**Area 4: Trainees**

**Area 5: Trainers**

**Area 6: Educational Resources**

**Area 7: Programmed evaluation**

**Area 8: Governance and administration**

**Area 9: Continuous renewal**



# Competency based training modified from ACGME to achieve expected learning outcomes (ELOs)

- **Patient care (specialty)**
- **Medical knowledge (specialty)**
- **Practice-based learning & improvement (CPD, Research skill, authentic practice based)**
- **Interpersonal & communication skills (including presentation & teaching skills)**
- **Professionalism ( Ethics, accountability, non-technical skills)**
- **System-based practice (patient safety, risk management, quality development, cost consciousness)**



# Competency/outcome based training (modified ACGME)

Competency	Definition	Learning process	Assessment
Patient care	Clinical skills	Authentic learning, simulation	Workplace-based assessment, Mini-CEX
Medical knowledge	Basic Science & Clinical knowledge	Lecture, SDL, Seminar	MCQ, Essay, MEQ, SAQ, CRQ
Practice base learning & improvement	Research skills, IT skills Procedural skills	Research project, authentic practice, simulation	Research progress DOPS, PBA, OSCE
Interpersonal & communication skills	Presentation skills Communication skills	Presentation, workshop, authentic practice	Multisource feedback (360 degree assessment)
Professionalism	Ethics, non-technical skills	Workshop, authentic practice	WBA, MSF
System based practice	Patient safety, Rational drug use, Quality development, Risk	Seminar, workshop, simulation, authentic practice	WBA, project-based assessment

# Competency / Outcome based training



# Competency / Outcome based training



# Phase I: **Test validity & reliability & feasibility**

<b>Activity</b>	<b>Timeline</b>
Translation of WFME (PME) criteria	August – October 2016
Workshop representatives of all Royal Colleges of Specialties	Novembers 2016
Mock up 5 volunteer programs to test validity, reliability, and feasibility	March-April 2017
Readjust WFME (PME) criteria	May 2017
Public hearing	June 2017

## Phase II:

# Assessor training, Knowledge sharing of OBE /EPA

Activity	Timeline
<b>Workshop of each Royal College of Specialty for OBE program and preparation of quality assessment</b>	<b>July 2017-June 2018</b>
<b>Documentation from Medical Council Subcommittee: all residency training programs must be assessed with new WFME (PME) criteria by 2019</b>	<b>July 2018 – December 2019</b> <b>Any program, which is unable to pass the assessment, will not be allowed for future training</b>

***strives to advance medical education, patient care and research by pursuing the H.R.H. Prince Mahidol of Songkla's philosophy:***



***“True success is not in learning but in its applications to the benefit of mankind”***