COUNTRY REPORT PRESENTATION

THAILAND

Atchariya Pangma MD.
Director
Bureau of Emergency medical System Management
National Institute for Emergency Medicine
atchariya.p@niems.go.th
AGENDA OF PRESENTATION

1. Situation of Emergency Medicine
2. Situation of Disaster Medicine
3. Mechanism/System on International assistance
4. Urgent Technical Needs
80 CCC/
77 provinces
13 regions MOPH+BMA
operation 24/7

Royal Thai Navy
For Maritime
EMS region
(plan)
Emergency Medical Committee (EMC) established by Emergency Medical Acts 2008
EM Professional Education accreditation and certification subcommittee established under EMC

**Current type of EMS Personnel in Thailand**

2 types 9 level of EMS personnel

Med Director, Supervisor EMD, EMD, Assistant EMD, Call taker

Paramedic, AEMT, EMT, EMR.

Medical council develop to EP specialist for Doctors

Nursing and Midwifery Council develop to Emergency Nurse Practitioner (ENP) for nurses

Roles and responsibilities under medical control by EMS Acts 2008

EMC empower all level of EMS personnel by scope of practice model
Accredited Education and Training Center by 2013

19 EP training centers, 1 ENP training Center
1 Paramedic by university, 6 AEMT by Nursing collages
43 EMT, 77 EMR school by hospital base training centers

Certified EM personnel

Under processing

Medical direction system design
Under processing, pilot area try out.

EMS data and Research

ITEMS
National EMS
Scope of Practice Model

Medical Direction system

Online

Off line

Dispatch protocol

CT

MD.

EMD

SEMD

EMD

AEMD

AEMT

EMR

Emergency Patient

paramedic

Online

Medical Protocol
## EMS Education and Training

<table>
<thead>
<tr>
<th>Level</th>
<th>Duration</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Aider</td>
<td>3-8 hrs.</td>
<td>FR, EMT-B, EMR</td>
</tr>
<tr>
<td>EMT</td>
<td>40 hrs.</td>
<td>AEMT</td>
</tr>
<tr>
<td>EMT-I</td>
<td>110 hrs.</td>
<td>AEMD</td>
</tr>
<tr>
<td>EMD</td>
<td>2 Yrs.</td>
<td>SEMD</td>
</tr>
<tr>
<td>AEDM</td>
<td>4 Yrs.</td>
<td>SEMD, MD, EP</td>
</tr>
<tr>
<td>Community Emergency Volunteer</td>
<td>6 Yrs. &amp; 3 Yrs.</td>
<td>DMAT, MERT, DMERT</td>
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</tbody>
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Special Training:
- ICS, MIMMS
- Aeromedical
- Marine

**Note:**
- FR: First Responder
- EMR: Emergency Medical Responder
- EMT-B: Basic Emergency Medical Technician
- AEMT: Advanced Emergency Medical Technician
- AEDM: Advanced Emergency Medical Dispatcher
- SEMD: Special Emergency Medical Dispatch
- MD: Medical Doctor
- EP: Emergency Physician
- DMAT: Disaster Medical Assistance Team
- MERT: Medical Response Team
- DMERT: Disaster Medical Relief Team
- ENP: Emergency Nurse Practitioner
<table>
<thead>
<tr>
<th>Academic activities</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Emergency Medicine conference</td>
<td>1987-2013 annually</td>
</tr>
<tr>
<td>Emergency Medical Technician Conference (EMTC)</td>
<td>2013 annually</td>
</tr>
<tr>
<td>Thailand Emergency Medicine (TEM) award</td>
<td>2012, 2013 annually</td>
</tr>
<tr>
<td>Conference Thailand Emergency Medicine (CTEM)</td>
<td>2012, 2013 annually</td>
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</table>
SITUATION OF DISASTER MEDICINE

Disaster prevention and mitigation Act BE.2550

NATIONAL DISASTER PREVENTION AND MITIGATION PLAN
Disaster Management System
based on
Disaster Prevention and Mitigation Act 2007
Come into force on 6 November 2007

Institutional arrangement
1. National Disaster Prevention and Mitigation Committee (NDPMC)
2. The Commander in chief.
3. The Secretariat of NDPMC.
4. The Directors in the Incident Commander

All D.M. activities are directed and controlled by the Directors at 3 levels:
(a) National (b) Provincial and (c) Local
INTEGRATED DISASTER PREVENTION AND MITIGATION OPERATIONAL PLAN (17 AGENCIES)
Organization structure of Emergency medical service and health services

MoPH: Minister

Center for Operation at National Level

Emergency Medical Institute of Thailand

Emergency Public Health Bureau

Commander of Emergency Medicine and Emergency Public Health: Permanent Secretary of MoPH/Deputy Permanent

Dept. of Thai Traditional and Alternative Medicine
Dept. of Disease control
Dept. of Health
Dept. of Medical Services
Dept. of Mental Health
Dept. of Medical Sciences
Dept. of Health Services Support
FDA

National Disaster Warning Center

Dept. of Disaster Prevention and Mitigation

Thai Red Cross

Royal Thai Army
Royal Thai Navy
Royal Thai Air Force

Emergency Medicine and Public Health War Room

EMT Command Center, 1669 Radio Communication System: VHF, SSB
Mobile hospital and Team from Many agencies
DMAT / MERT / Mini MERT/ DMERT

MOPH/ RTA / RTAF/ RED CROSS/Private Sector
Facility for Medical evacuation from Disaster region by collaborated organization
Thailand is under developing international assistance team DMAT / MERT
Call 1669 hot line 24 hours a day

Disaster Incident

EMS, (BLS & ALS)

Over Control

Request for Assistance
Disaster organization for International Training AHEx 2014
4. TECHNICAL NEEDS

We would like to propose the following items:

• To invite the experts as guest speakers and trainers on disaster/emergency medicine in Thailand and beyond through ASEAN countries.

• To build the capacity of the Emergency Medical System through training, curriculum development in Japan.

• To exchange the doctors to have training, on job training and study tours.

• To research between Japan and Thailand on the disaster management in ASEAN countries
SAWASDEE AND KHOP KUN KRUB