

# *P*revention, Resuscitation, and Rehabilitation in Traumatic Injury: A Nursing Perspective



<b>Programme</b>	Annual International Training Course, Thai International Cooperation Programme
<b>Course Title</b>	Prevention, Resuscitation, and Rehabilitation in Traumatic Injury: A Nursing Perspective
<b>Duration</b>	May 15 - 26, 2007 *
<b>Closing Date for Application</b>	February 16, 2007
<b>Number of Participants</b>	25
<b>Invited Countries</b>	Afghanistan, Bangladesh, Bhutan, Botswana, Burkina Faso, Cote d'Ivoire, Cambodia, China, Egypt, Ethiopia, Gambia, Ghana, India, Indonesia, Iran, Jordan, Kenya, Lao PDR, Lesotho, Madagascar, Malaysia, Malawi, Maldives, Mauritius, Mozambique, Mongolia, Myanmar, Nepal, Oman, Pakistan, Palau, The Philippines, Sri Lanka, Senegal, Sudan, Timor Leste, Uganda, Vietnam and Thailand *

\* Subject to change by further notifications

## Objectives

*At the end of the programme, participants are expected to:*

- understanding of traumatic injury situation, response and management in nursing perspective;
- understand concepts and principles of the primary, secondary, and tertiary prevention of traumatic injury;
- demonstrate a good triage, ACLS, evacuation, and transportation skills;
- identify effective solution in prevention, resuscitation, and rehabilitation of traumatic injury persons in their home countries;
- propose further project in improvement of either prevention, resuscitation, or rehabilitation of traumatic injury persons in their home countries.

## Qualifications

*The participants should meet the following qualification*

- working as nurses and health personnel such as doctors, and public health workers, etc.;
- sufficient command of spoken and written English;
- being in good physical and mental health;
- be able to fully participate throughout the program;
- at least 2 years experience in working with traumatic injured persons;
- under 45 years of age.

## Course Content

### **I. Course outline and activities**

#### **1) An overview of traumatic injury situation**

- Incidence and trends of traumatic injury
- Factors influencing the occurrence of traumatic injury
- Impact of traumatic injury on physical, psychological, social and spiritual aspects
- Roles of nurses and health personnel in taking control of traumatic injury

#### **2) Primary, secondary, and tertiary prevention of traumatic injury**

- Concepts and principles
- Scope and effectiveness of primary, secondary, and tertiary prevention of traumatic injury
- Prevention, resuscitation, and rehabilitation as part of preventive measures of traumatic injury focusing on the role of nurses

#### **3) Traumatic injury prevention**

- An overview of traumatic injury prevention
- Identifying and defining the traumatic injury problem
- Measuring the traumatic injury problem
- Identifying potential intervention strategies
- Selecting a strategy to implement
- Planning the implementation



- Programme evaluation
- Challenges to implementation

#### **4) Advanced Traumatic Life Support (ATLS)**

- Trimodal death distribution
- Steps of ATLS

#### **5) Prehospital management of traumatic injured persons**

- Triage
- The prehospital care team
- Initial care/prehospital management, evacuation, and transportation of the traumatic injured persons: Head injury, Spinal cord injury, thoracic injury, abdomen injury, musculoskeletal injury

#### **6) Nursing management through the cycle of traumatic injury**

- Field stabilization and resuscitation
- In-hospital resuscitation and operation
- Critical care
- Intermediate care
- Rehabilitation
- Prevention

#### **7) Resuscitation: Advanced Cardiac Life Support (ACLS)**

- Airway management
- Breathing support
- Circulatory support
- Defibrillation/Drug
- ECG
- Fibrillation management
- Gauge
- Hypothermia
- Intensive care

#### **8) Traumatic injury rehabilitation**

- Concept and principle
- Component of traumatic injury rehabilitation: Team, Plan, and outcomes
- Role of traumatic injury rehabilitation team
- Inpatient rehabilitation
- Outpatient rehabilitation
- Home-based rehabilitation

### **II. Training methods**

- Lectures
- Group discussion
- Field study

Notes: The objectives for field studies are

Gaining experience regarding rescuing system in Chiang Mai

Gaining experience regarding EMS in hospital settings

Gaining experience regarding ambulance and emergency equipments set up



## **Annual International Training Course 2007 Calendar**

*Thailand International Development Cooperation Agency*

- Practicum in triage, ACLS, evacuation, and transportation
- Reflection
- Project development/future plan
- Presentations

### **Remarks**

Participants are required to prepare their country report includes information concerning traumatic injury in related to aspects of incidence and trends, national laws and policies, prevention, resuscitation, and rehabilitation measures for contribution in class as well as project development.

## **Institution**

### **The course will be conducted by:**

Faculty of Nursing  
Chiang Mai University  
Chiang Mai, 50200  
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