

PEER

Program for Enhancement of Emergency Response



HOPE

Hospital Preparedness for Emergencies



www.adpc.net/peer

HOPE



About HOPE

Hundreds of hospitals and health facilities are destroyed or damaged by disasters every year in Asia. Millions of people are left without emergency care during and after disasters when hospitals and health facilities fail to function.

Damage to primary healthcare centers during disasters can deal serious blows to public health infrastructure and national health systems. Sometimes entire populations are left without adequate access to crucial primary healthcare facilities for months after the disaster. This could mean disruption of essential health interventions, including routine immunization or maternal and child healthcare, as well as an increased risk of epidemics.

“ The most expensive hospital is the one that fails. The price we pay for the failure of hospitals when disasters happen is too high. In comparison, the cost of making hospitals safe is tiny. ”

Salvano Briceño
Director of the UNISDR Secretariat

To address this need, the Asian Disaster Preparedness Center (ADPC) together with a group of Asian experts in the field of hospital emergency risk management, structural engineering and disaster management, developed the HOPE training program designed for limited resource healthcare facilities. The training curriculum developed during PEER Stage 1 (1998-2003), was further enhanced during PEER Stage 2 (2003-2009) by National Society for Earthquake Technology - Nepal (NSET) and John Hopkins University.

HOPE is being managed by Asian Disaster Preparedness Center (ADPC), Bangkok, Thailand, and has been tested and delivered in Bangladesh, India, Indonesia, Nepal, Pakistan and the Philippines. HOPE scope is now expanded to include Cambodia, Lao PDR, Viet Nam and Thailand under PEER Stage 3 (2009-2014).

Target trainees for HOPE

The HOPE training program is designed to assist healthcare facility medical personnel, managers and administrators who are responsible for hospital emergency planning, or any emergencies involving mass casualties that require the major resources of a healthcare facility. HOPE graduates can design appropriate facility-specific plans to increase their ability to effectively manage internal and community emergencies that involve large numbers of casualties.

The first or “National HOPE Course” in each PEER country is intended for medical experts with expertise in the field of emergency medicine and disaster preparedness and serving as faculty or lecturers at appropriate institutions where future HOPE courses can be conducted.

The National HOPE Course is intended to train future HOPE instructors. Subsequent HOPE courses are intended for members of hospital disaster-planning committees, including hospital administrators, hospital engineers, emergency room physicians, nurses and hospital planning staff.



Hospital Preparedness for Emergencies (HOPE) is part of the Program for Enhancement of Emergency Response (PEER) - a regional capacity-building program initiated in 1998 by the U.S. Agency for International Development's Office of U.S. Foreign Disaster Assistance (USAID/OFDA) to strengthen disaster response capacities of vulnerable countries in Asia.



Training Methodology and Content

HOPE is a 40-hour interactive course delivered by PEER-qualified regional and national instructors utilizing adult learning principles and methodology. The training package includes interactive lectures and discussions, case studies and a variety of exercises and simulations.

The course consists of 26 interactive lectures and seven exercises. The training package includes an Instructors' Guide, Lesson Plans, Participants' Workbook, Coordinators' Guide and Reference Materials.

The Hyogo Framework for Action adopted by 168 governments in Kobe, Japan in January 2005, called on governments to do more to ensure healthcare facilities remain functional during disasters by:

- ♥ Including risk reduction in the design and construction of new healthcare facilities
- ♥ Protecting critical healthcare facilities by reducing vulnerability in existing healthcare facilities through hazard reduction and emergency preparedness for a better response

HOPE: Developing skills....

Developing risk management capacity for healthcare facilities protects the lives of patients and healthcare workers by ensuring the structural, non-structural and functional resilience of healthcare facilities. This enables healthcare services to be able to function in the aftermath of emergencies and disasters when they are most needed, and improves the risk reduction capacity of healthcare workers and institutions, including emergency management.

“With current knowledge and strong political commitment it is possible to protect health facilities from disasters, even with the limited resources available in developing countries.”

Dr Ala Alwan
Assistant Director General, Health Action in Crisis, World Health Organization, Geneva

On completion of the HOPE course, graduates have the skills to conduct a risk assessment of their healthcare facility and develop a hospital disaster plan. HOPE course participants are enabled to identify the potential impacts of hazards on healthcare facilities, and work to mitigate the risk factors. They can methodologically judge whether a seismically-impacted

HOPE course features

- | | |
|--|--|
| ♥ Disaster Context | ♥ Hospital Emergency Incident Command System (HEICS) |
| ♥ Hazard, Vulnerability, Capacity and Risks | ♥ Man-made Disasters and Complex Emergencies |
| ♥ Epidemiology of Disasters and Patterns of Injury | ♥ Hospital Disaster Planning |
| ♥ Seismic Hazard | ♥ On-site medical facilities and mobile medical facilities |
| ♥ Structural Components | ♥ Hospital Evacuation |
| ♥ Operational Functional (Non-Structural) Components | ♥ Mental Health Consequences of Disasters |
| ♥ Functional Collapse and Evaluation Tool | ♥ Management of the Deceased |
| ♥ Principles of Disaster Medicine | ♥ Coordination with National and international agencies |
| ♥ Emergency Department Concept of Operations | ♥ Managing Resources and Public Relations |
| ♥ Integrated Emergency Medical Services (EMS) | ♥ Returning to Normal Operations |
| ♥ Resuscitation and Emergency Care | |

hospital can safely continue to be used to carry out hospital emergency functions, or whether evacuation and relocation is required.

HOPE participants all take part in a mass casualty incident simulation where they learn how to address the roles and responsibilities of each component of HICS. They experience practically how to manage mass casualties and how to conduct stress debriefing. The active-learning techniques mean that participants in HOPE can apply concepts learned in on-site medical care to specific situations. They are enabled to prepare an outline of a hospital disaster response plan, including recovery procedures.

HOPE Training for Instructors (HOPE-TFI)

PEER is working with existing Regional / National Instructors for HOPE and developing new Instructors for HOPE in each PEER country. Through the Training for Instructors (TFI) course, trainees learn how to deliver the HOPE course using a standard training package. Graduates of TFI course progress to Assistant Instructors as part of the training team, receiving experience and mentoring from Senior Instructors. Senior Instructors progress to become HOPE Course Coordinators and Course Monitors. This process ensures the delivery of a standardized and effective training program.

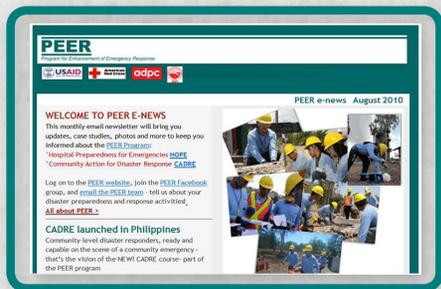
HOPE Technical support

Selected healthcare facilities at national, sub-national and local level in each PEER country are provided with technical support to enhance their emergency preparedness. This includes support in risk assessment, emergency planning and developing hospital emergency systems as part of the HOPE program.

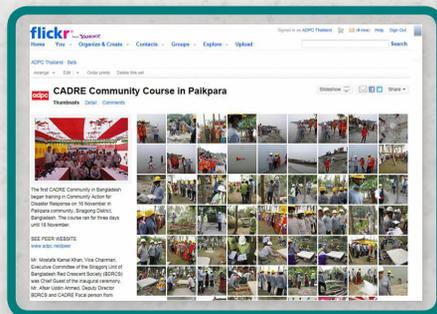
Simulation exercises are planned for these healthcare facilities, so they can gauge their readiness for disasters and the capabilities of their emergency response systems.

HOPE: Working in partnership...

HOPE partnerships are developed to maximize the opportunities for HOPE trainings in both the private and government sector in PEER countries. Medical universities, professional organizations, NGOs and private sector donors are working in partnership to implement and institutionalize the program.



PEER E-NEWS
Sign up on PEER Website: www.adpc.net/peer



See PEER photo galleries on Flickr 'adpc community'



Join PEER on Facebook
'Program for Enhancement of Emergency Response'



PEER WEBSITE
www.adpc.net/peer



ASIAN DISASTER PREPAREDNESS CENTER
SM Tower, 24th Floor, 979/69 Paholyothin Road
Samsen Nai, Phayathai, Bangkok 10400
Tel: +66 (0)2298 0681 to 92
Email: peer@adpc.net
Website: www.adpc.net/peer