Medical First Responder (MFR)
Course Overview

Purpose: The purpose of this course is to provide individuals with first response tasks the knowledge and skills necessary to assess, treat and transport patient sick or injured as a result of an emergency or disaster.

Background: MFR is a thirteen-day course of the Program for Enhancement of Emergency Response that was developed by the United States Agency for International Development through its Office of U.S. Foreign Disaster Assistance together in collaboration with the Miami-Dade Fire Rescue Department, Asian Disaster Preparedness Center, and National Society for Earthquake Technology-Nepal. The course has been delivered in Bangladesh, India, Indonesia, Nepal, Thailand and the Philippines.

Target Audience: Emergency and disaster first response groups, i.e. Fire Departments, Red Cross/Red Crescent Societies, Police Departments, Rescue Groups associated with government emergency response system.

Course Methodology and Content: The course is delivered in thirteen days by eight instructors with four assistant instructors using the interactive lecture method (ILM) of instruction that is objective based, performance oriented, tested, and highly participatory. The experience of the instructors is enriched by the interaction between the participants. Interactive lectures and demonstration practice sessions are used to present the course content with exercises and written evaluations used to assess participant learning.

- Emergency Medical Systems and the Medical First Responder
- Infectious Disease and Precautions
- The Incident
- Anatomical References
- Patient Assessment
- Basic Life Support and Cardiopulmonary Resuscitation
- Oxygen Therapy
- Haemorrhage and Shock
- Soft-Tissue Injuries
- Musculoskeletal Injuries
- Skull, Spinal and Chest Injuries
- Burns and Environmental Emergencies
- Poisoning

- Medical Emergencies, Part 1: Cardiovascular Emergencies and Abdominal Distress
- Medical Emergencies, Part 2: Respiratory Emergencies
- Medical Emergencies, Part 3: Seizures, Diabetic Emergencies and Cardiovascular Accidents
- Childbirth
- Lifting and Moving Patients
- Report Writing and Preparation for the Next Call
- Multiple Casualty Incidents and Triage

Performance Objective: Given three typical emergency scenarios, i.e.; trauma, medical, and labour/delivery, the individual participant, following the protocols taught and the course, will:

- Receive and register an emergency
- Arrive at a simulated emergency event and evaluate the scene.
- Secure the scene and solicit appropriate help

- Gain access to, and evaluate the status of patient.
- Select the necessary equipment
- Stabilize the patient at the scene.
- Immobilize and transport the patient.
- Inform the receiving facility of the patient's condition and treatment given.
- Prepare the equipment for the next emergency

Each participant will be provided the basic equipment used in medical first response. Participants will use all personal protective equipment and adhere to all universal precautions. Each scenario will be completed in fifteen minutes.

**Instructional Objectives:** At the completion of this course, the participants will be able to:

- Describe the steps, necessary to prepare the first responder equipment kit.
- Describe how an emergency call registered and handled according to need.
- List the actions necessary to secure the site of an emergency and gain access to the victims.
- Evaluate a patient and select the correct equipment needed to treat that patient.
- Describe the steps used to immobilize and treat a patient during transport.
- Prepare a report containing the patient's condition and treatment given.
- Prepare the equipment to respond to a new emergency.