

Course Outlines

ADVANCED DISASTER MANAGEMENT COURSE

Course Outlines

DR Gamal Abbas
ADM COURSE

Advanced Disaster Management

Course Outlines

Introduction

Disasters happen out of the blue and might cause considerable loss of life, injuries, damage of infrastructure and loss of property. The hallmark of these incidents is imbalance between needs and available resources. During disasters and Mass Casualty Incidents (MCI), there is a high degree of uncertainty and chaos. Pre Incident activities that includes mitigation and preparedness help to reduce disaster effects by reducing loss of lives and injuries.

Preparedness helps to better utilization of resources, competent command and control, efficient communications.

ADM course aims at providing the advanced knowledge and skills required for Healthcare Providers to be able to competently participate in the management of disaster within the framework of medical response to disasters and MCI in the field, EMS and hospitals .

Course Duration:

16 hours over 2 days

Course outline

Topics

- 1. Overview of Disaster Medicine*
- 2. Hospital Disaster Planning*
- 3. Hospital incident Command System (HICS)*
- 4. Communications*
- 5. Scene Management*
- 6. Triage*
- 7. Transport*
- 8. Field Medical Treatment in Disasters*
- 9. Blast Injuries*

10. *Chemical Mass Causality Incidents*
11. *Biological Disasters*
12. *Nuclear disasters*
13. *Radiological Disasters*
14. *Decontamination*
15. *Personal Protective Equipment*
16. *Disaster Supplies and stockpiles*
17. *Psychological aspects in Disasters*
18. *Hospital treatment capacities*

Target Groups

1. *Physicians*
2. *Dentists*
3. *Pharmacists*
4. *Emergency Medical Technicians (EMT's)*
5. *Nurses*

Number of candidates

24-30 candidate per course divided into 4 groups

Number of Instructors

4-5 Instructors Including the Course Director

Course Format

1. *Manual*
2. *Lectures*
3. *Workshops*
4. *Group discussions*
5. *Demonstrations*
6. *Scenarios*

WORKSHOPS (Table Top)

1. *Hospital disaster planning including Hazard Vulnerability Assessment (HVA)*
2. *Hospital Incident Command System (HICS)*
3. *Triage*

4. *Communication*
5. *Burn Scenarios*
6. *CBRN scenario*
7. *Blast injuries*
8. *Decontamination*
9. *Personal Protective Equipment (PPE)*
10. *Field Medical Assistance*

Assessment

1. *Continuous assessment*
2. *Competency in workshops*
3. *Post Test*

Course Venue

1. *Lecture Room : to accommodate 30-35 persons*
2. *Four rooms for running the workshops and stations*
3. *Faculty Room*

Teaching Aids

1. *Two Digital Projector*
2. *Four Flip charts*
3. *Colored flip Chart Markers*
4. *Four Laptops*

Office Equipment

1. *Printer*
2. *Photocopier*
3. *Photocopy paper*

Certificates

1. *For successful Candidates*
2. *Valid for 2 years*
3. *Affiliated by EgRC*