

## AMC DENTAL COLLEGE AND HOSPITAL

### VALUE ADDED COURSE ON FIRST RESPONDER

ACADEMIC YEAR 2019-2020

#### 1. Nomenclature of the Course:

Value added course on **FIRST RESPONDER**

#### 2. Background

First Responder is the first person on the incidence scene to recognize the emergency, activate an EMS system and provide lifesaving first aid with minimal equipment until the EMS providers arrives. First Responders provide a service in an environment requiring specific skills and knowledge. They also serve as liaisons with other emergency services.

#### 3. Objectives of program

This course provides an introduction to these concepts. This curriculum includes skills necessary for the individual to provide first aid with a limited amount of equipment. Specifically, after successful completion of the program, the student will be capable of performing the following –

1. Recognize the seriousness of the patient's condition or extent of injuries to assess requirements for first aid;
2. Administer appropriate first aid for life threatening injuries relative to airway, breathing and circulation and disability;
3. Understand certain lifesaving emergencies and initiation of first responder care
4. Successful transfer of the victim to medical care system
5. Assist health care providers

#### 4. Offering Institute and Faculty:

The Course is offered by AMC dental college

#### 5. Duration of the Course

The total duration of the course is 24 hours

6. **Course Fee:** There will be no fee for the course

7. **Award of Certificate**

The students completing 80 % attendance will be awarded the course completion certificates.

8. **Course Content**

**Day 1: 8 hours**

**MODULE 1: INTRODUCTION TO THE FIRST RESPONDER PROGRAMME**

1. Introduction to healthcare and hospitals & problem statement

- a) Emergent conditions and magnitude
- b) Why we need First responders
- c) Concept of golden hour
- d) Duties and responsibilities of first responder

2. Professionalism ethical issues and well-being of first responder

- a. Code of conduct, professional accountability and responsibility, misconduct
- b. Ethics in healthcare – Privacy, confidentiality, consent, medico legal aspects
- c. Steps to be taken against airborne and blood-borne pathogens
- d. Personal protective equipment necessary for each of the following situations:

Training Curriculum: First Responder

**Day 2: 8 hours**

**MODULE – 2: AIRWAY, BREATHING AND CIRCULATION: TRAUMA**

Learning Outcomes:

At the completion of this module, the student should be able to:

Airway: • Assessment of airway for its patency: Determine and take necessary action to ensure clear airways

Management of Airway: Airway Adjuncts and airway maneuvers Airway foreign body o Preventing aspiration Breathing

- Methods to assess if a patient is breathing Circulation
- Evaluate the cardiac status of the patient

Detail of Topics

1. Airway
2. Ventilation
3. Circulation
4. Clearing a foreign body airway obstruction

**Day 3: 8 hours**

### **MODULE – 3: BASIC LIFE SUPPORT:**

CPR Learning Outcomes:

At the completion of this module, the student should be able to:

- Perform Cardiopulmonary resuscitation
- Perform External chest compressions
- Determine the need for additional help

### **MODULE – 4: INITIAL MANAGEMENT OF THERMAL INJURY, STABILIZING INJURED EXTREMITY AND WOUND MANAGEMENT**

Learning Outcomes:

At the completion of this module, the student should be able to:

Evaluate the patients' condition and take appropriate action in case of bleeding or burn injury

- Size up the site for medical emergencies, injuries etc. and takes appropriate action.

### **MODULE – 5: MEDICAL EMERGENCIES**

Learning Outcomes: At the completion of this module, the student should be able to:

Identify patient with Angina/Myocardial infarction

- Identify stroke
- Initial management of animal bites (Dog and snake bites)

## MODULE – 6: TRANSPORTATION AND DISASTER PREPAREDNESS

Learning Outcomes: At the completion of this module, the student should be able to: Identify patients' condition and take appropriate action to safely transport the patient

**Certificates of Participation:** Providing certificates to attendees for successful completion of the First Responder training workshop

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