

AIRWAY MANAGEMENT MANIKIN

Lifelike upper body and head simulating natural complications when practicing a variety of intubation, ventilation and suction techniques. Facility of practicing:

- oral and nasal intubation
- use of LMA (Laryngeal Mask Airway) and Combitube
- Checking correct tube placement
- Realistic anatomical features allowing demonstration of Sellick Maneuver and laryngospasm
- Bag-Valve-Mask ventilation
- Stomach inflation and vomiting situation (can be simulated).
- Provision of visual inspection of lung expansion
- Provision of auscultation of breath sounds
- ♦ Airway demonstration model alongwith.

ADVANCED CARDIAC LIFE SUPPORT MANIKIN (FULL BODY)

Full-body Adult Manikin with clothes, supplied with:

- Airway Management head
- IV Arm
- Wireless Control with Accessories.
- Simulated Blood and Airway Lubricant
- Manual defibrillation plates
- Hard carry case
- Manual

It should have anatomically realistic airway including cricoid cartilage allowing training in basic to advanced airway management with various adjuncts including:

- Oropharyngeal and nasopharyngeal airway insertion
- Bag-Valve-Mask
- LMA
- Combitube
- Laryngeal Tube Airway
 - The software should allow comprehensive debriefing and documentation of key events.
 - It should also allow training of first aid and extrication practices with the help of optional first aid and rescue limbs.
 - It should have an IV arm providing proficiency in venipuncture and IV administration
 - It should allow live defibrillation and allow users to incorporate live AED or manual defibrillators during the learning experience
 - It should have 4 connector 3-lead feature allowing students to monitor ECG readings during training
 - It should have automatically generated carotid pulses synchronized with ECG
 - It should have wireless (Wi-Fi) instructor control
 - It should give feedback on detailed information about CPR performance during training and debriefing
 - It should be able to give comprehensive performance report for after action instructor-to-student debriefing .
 - It should have eyes for pupil assessment
 - Normal – Dilated – Constricted

- It should have automatically generated Carotid pulses both sides
- It should have Defibrillation capabilities (25-360 J)
- Synchronized variable rate, rhythm abnormalities and duration
- The model must simulate the following cardiac rhythms in the manikin:
 - Normal Sinus Rhythm (NSR)
 - Ventricular fibrillation
 - Ventricular Tachycardia, pulseless
 - Ventricular Tachycardia, with pulse
 - Asystole
 - Bradyarrhythmias & Tachyarrhythmias.
 - Pulseless electrical activity

AED (AUTOMATED EXTERNAL DEFIBRILLATOR) TRAINER

AED TRAINER FOR EFFECTIVE TRAINING OF BLS SKILLS TO LAYMAN AS WELL AS MEDICAL PROFESSIONALS. SHOULD BE COMPATIBLE WITH ALL TYPES OF MANIKINS. SHOULD BE BATTERY OPERATED. SHOULD BE PROVIDED WITH CARRY CASE .SHOULD COMPLY WITH AHA GUIDELINES.

ADULT BLS MANIKIN

For effective adult Basic Life Support (chest compressions, pocket mask & bag mask ventilation) .Full body adult manikin with clothes.

- Oral and nasal passages for mouth-to-nose ventilation Facility for Effective chest compression
- Facility for pocket mask & bag mask ventilation with visible chest rise.
- Realistic airway function allowing proper head tilt / chin lift or jaw thrust with Chest rise
- With feedback facility.
- Hard Carry case

SPECIFICATION FOR DEFIBRILLATOR

1) Description of Function

- Defibrillator is required for reviving the heart functions by providing selected quantum of electrical shocks with facility for monitoring vital parameters.
- 2) Operational Requirements Should be compact, Light weight, easy to use, Bi-Phasic Defibrillator with Manual (with easy -1-2-3 operation)

Handwritten signature

1
Handwritten mark

Handwritten signature

- Should monitor ECG and display them
- Should be able to print the ECG on thermal papers
- Should be capable of doing synchronized cardio version
- Can be operated from mains as well as battery

3) Technical Specifications

- Should be a Low Energy Biphasic defibrillator monitor with Recorder, having capability to deliver shocks from 2 Joules to 200 Joules.
- Should monitor ECG through paddles, pads and monitoring electrodes and Defibrillate through pads and paddles.
- Should compensate for body impedance for a range of 25 to 150 ohms
- Should have a built in 50 mm strip printer
- Should have charging time of less than 5 seconds for maximum energy.
- Both Adult and pediatric paddles should be available.
- Should have a battery capable of usage for at least 5 hours of monitoring.
- Should have facility for self test/check before usage and set up function. .

4) System Configuration Accessories, spares and consumables

- Defibrillator with AED - 01
- Adult with Built in Paediatric External Paddles -01
- Patient cables -01
- ECG Rolls -10
- AED Multifunction Pads for Adults -5 pairs with Each unit

6) Power Supply

- Power input to be 120-240VAC, 50-60 Hz
- Should have a battery capable of usage for at least five hours
- .

2 KR

My

MM