



# KFU

## جامعة الملك فيصل

KING FAISAL UNIVERSITY

جامعة ووطن.. نماء.. واستدامة..

---

# INSTRUMENT STANDARD OPERATING PROCEDURE MANUAL

---

College of Medicine



SAFETY AND LABORATORY COOMMITTEE, C.O.M, K.F.U.

**Prepared by**

| Document Number           | Name         | Signature | Date |
|---------------------------|--------------|-----------|------|
| CM/SIM-024                | Rami ALgamdi |           |      |
| Revision Number           | Approved by  |           |      |
| R0                        | Dean:        |           |      |
| Write the revision number | Department:  |           |      |

**Document History**

| Document Section | Details of Amendments | Date | Modified by (Initials) |
|------------------|-----------------------|------|------------------------|
| SOP              | SimMan3G              |      |                        |
|                  |                       |      |                        |
|                  |                       |      |                        |

## **1. OBJECTIVE**

Adult human simulator

## **2. SCOPE**

Training medical students to deal with different emergency situations and to deal with them optimally, reading charts and various vital indicators

Marking medicinal drugs on the body

## **3. RESPONSIBILITIES**

- ☐ It is the responsibility of designated personnel in the lab to train staff and students on this procedure and to ensure adherence to this procedure under supervision.
- ☐ It is the responsibility of designated personnel (staff or Student) to follow the instructions of this procedure under supervision.

## **4. REFERENCES**

Device Catalog

## **5. DEFINITIONS**

- ☐ Mention the full form of any abbreviations used.
- ☐ Mention the standard definition of any term used.

## **6. SAFETY PRECAUTIONS**

The device is powered by 220 volts

There are 194 small slides, and each slide represents a specific property (which is subject to loss).

## **7. PROCEDURE FOR OPERATING ..... write Instrument Name)**

### **7.1. Turning on the instrument:**

- 1- Adult man doll
- 2- Laptop controller
- 3- A laptop that displays vital signs
- 4- Heart rate simulator (placed in the toe of the doll)
- 5- There are 149 small slides; each slide represents a medical drug

### **7.2. Software Operation.**

The program is available on the desktop only

### **7.3. Steps of the Procedure**

- Connect the source of electricity
- Turn on the control laptop and choose the program from the desktop and the password is SimUser.
- Run the laptop display and choose the program from the desktop and the password is SimMan3G.
- Connecting to Wi-Fi networks
- Install the heart rate monitor on the other end.
- Put water and blood (bleeding doll) in her right thigh separately.
- The slide of the drug is fixed on a needle containing distilled water free of salts 10 ml and is injected into the arm of a doll that is adjacent to.

### **7.4. Turning off the Instrument**

After completing the practical lesson, there is an option to end the session in the program on the remote control

### **7.5. Warning**

- 220 volts power the device
  - There are 194 small slides, and each slide represents a specific property (which is subject to loss).
-



KFU

Safety and Laboratory Committee,