**ALS Simulator Installation Guide**

**I GET TO KNOW THE SUPPORT MATERIALS**
- ALS Simulator Installation Guide - this document
- ALS Simulator DU - included with your ALS Simulator
- VitalSim DU - included with your VitalSim
- ALS Advanced Simulator Software help files on Software CD

**II CHECK THAT ALL ITEMS ARE PRESENT**

- USB cable.
- Video cable.
- Audio cable
- USB Hub Box
- Power cable.
- Camera with accessories:
  - Power supply with cable
  - USB mouse
- cables NOT to be used:
  - Digital Video Cable (white connectors)
  - Audio Cable (2-way)

**III CHECK EQUIPMENT**

- Monitor with accessories:
  - Video cable
  - Power supply with cable
  - USB cable
- Cables NOT to be used:
  - Digital Video Cable (white connectors)
  - Audio Cable (2-way)

**ALS Simulator Advanced system elements**

- Computer with accessories:
  - Power supply with cable
  - USB mouse
- USB Hub Box with Power supply and USB cable
- USB Camera Box
- ALS Camera Advanced accessories
  - Audio cable, 3-way
- Monitor Advanced accessories:
  - Audio cable, 3-way

**ALS Simulator advanced system - Installation Guide**

**A. Setup of ALS Simulator Advanced System elements**

1. **START YOUR COMPUTER**
   - Connect the mouse and power supply to the computer and turn on.
   - Make sure that your computer has the ALS simulator logo on the screen.

2. **INSTALL THE USB HUB**
   - A USB hub is provided with the system to overcome potential problems of having too few USB ports on the computer and to have the computer in the manikin area.
   - Connect the power cable between the power supply and a wall outlet.
   - Secure the cables using the strain reliefs on the monitor.

3. **CONNECT THE PATIENT MONITOR**
   - Unpack the USB Hub from its box.
   - Connect the power to the USB Hub Connector.
   - Connect the USB Hub to the PC.
   - To PC's USB port.
   - To power adapter.

4. **CONNECTING THE MONITOR CABLES TO THE COMPUTER**
   - Connect the Video cable to the Computer.
   - Connect the Audio cable to the Computer headphone output.
   - Connect the Power cable.
   - Do NOT connect the USB cable yet.

5. **INSTALL THE MONITOR ON THE COMPUTER**
   - Right click on the Desktop and select *Properties*.
   - Select the *Settings* tab.
   - Select Display 2.
   - Set Resolution to 1280 x 1024 pixels.
   - Click OK.
   - If prompted: Answer Yes to keep this setting.

6. **CONNECT THE MONITOR TO THE USB HUB**
   - Connect the Patient Monitor to the USB hub.

7. **CALIBRATING THE TOUCH-SCREEN MONITOR**
   - Double click on the elo logo in the system tray in the lower right corner of the screen.
   - If no connection is indicated, check your connections:
     - Close program update when installation is finished.
     - This program will automatically update all software.
     - Make sure that the control unit, the remote control and the manikin are connected, then click "update selected device(s)."
   - Start program update from the Start menu on your Computer.
   - Connection cannot be accessed if ALS software is running.

8. **CONNECT THE USB-CAMERA**
   - Unpack the USB-camera.
   - Connect the USB-camera to the USB-hub.

9. **CONNECT THE CONTROL UNIT**
   - Connect the USB cable between the Control Unit and the USB hub.
   - Connect the Audio cable - WHITE mini jack with single wire to the Control Unit.
   - Connect the Control Unit’s power supply between a wall outlet and the Control Unit, and turn the Control Unit on.

10. **CONNECT THE MANIKIN TO THE CONTROL UNIT**
    - Unpack the ALS simulator and cables.
    - Connect the Simulator cable to the Control Unit.

11. **UPDATE SOFTWARE IN MANIKIN, CONTROL UNIT AND REMOTE CONTROL**
    - Connection cannot be accessed if ALS software is running.
    - Start program update from the Start menu on your Computer.
    - Make sure that the control unit, the remote control and the manikin are connected, then click "update selected device(s)."
    - This program will automatically update all software.
    - Close program update when installation is finished.
    - If no connection is indicated, check your connections:
      - Make sure Control Unit is on
      - Make sure Remote Control is on and connected to control unit with cable.

**B. Setup of ALS Simulator System**

You are now ready to start using your ALS Simulator advanced system.