

SimNewB Installation Guide

If your SimNewB purchase included a laptop supplied by Laerdal follow the instructions on page 2-4.



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CHECK EQUIPMENT (Images below are examples only. Actual components may vary.)

SimNewB Advanced system elements



Computer with accessories:
- Powersupply with cable
- USB mouse



Monitor with accessories:
- Video cable
- Powersupply with cable
- USB cable



USB Hub box with Powersupply and USB cable

USB Camera box



SimNewB Advanced accessories
- Audio cable, 3-way

SimNewB manikin system - elements required for setup



SimNewB manikin with accessories:
- Control Unit
- Powersupply
- USB cable
- Manikin cable, 25 ft.
- Air/CO₂ tube
- IV bag reservoir
- Blood pressure cuff



Compact Compressor with accessories:
- Powercable
- Regulator
- CO₂ tube

Alternatively, a Laerdal Regulator Unit may be used.

SimNewB™ Advanced system - Installation Guide

During installation: Make sure you accept the default settings and/or **unblock**, unless other instructions are given in the Installation Guide and other instruction material.

I GET TO KNOW THE SUPPORT MATERIALS

- SimNewB Installation Guide
- SimNewB DFU
- SimNewB Helpfiles



II CHECK THAT ALL ITEMS ARE PRESENT

1 START YOUR COMPUTER

Connect the mouse and power supply to the computer, and turn on. Make sure that your computer has the SimNewB logo on the screen.



2 INSTALL THE USB HUB

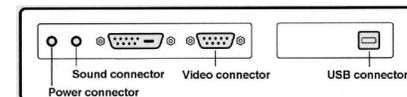
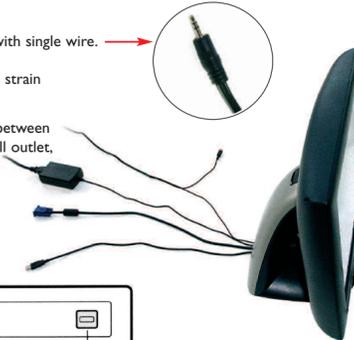
A USB hub is provided with the system to overcome potential problems of having too few USB ports on the computer and to have fewer cables from the computer in the manikin area.

- Unpack the USB Hub from its box
- Connect power to the USB Hub
- Connect the USB Hub to the PC



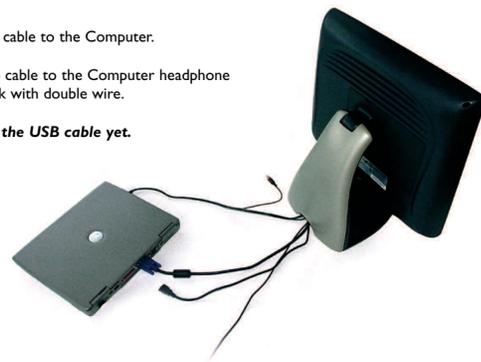
3 CONNECT THE PATIENT MONITOR

- Unpack the Patient Monitor and cables.
- Do **NOT** use the Software CD that comes with the monitor.
- Route the cables through the Monitor Stand and connect the cables to the monitor connectors: (refer to accompanying R10 (?) documents for details)
 - Video cable.
 - USB cable.
 - Audio cable - mini jack with single wire.
 - Power cable.
- Secure the cables using the strain reliefs on the monitor.
- Connect the power cable between the power supply and a wall outlet, and turn the monitor on.



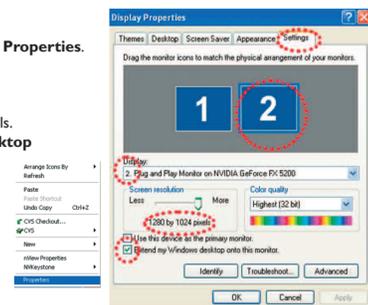
4 CONNECT THE MONITOR CABLES TO THE COMPUTER

- Connect the Video cable to the Computer.
- Connect the Audio cable to the Computer headphone output - phono jack with double wire.
- 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.
 - Check **Extend my Windows desktop onto this monitor.**
 - 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 CALIBRATE THE TOUCH SCREEN MONITOR

- Double click on the **elo** logo in the system tray in the lower right corner of the screen. (If you cannot find it in the system tray, activate Elo Touchscreen in the Control Panel).



- Click on the **Align** button on the dialog that appears.



- If target indicators first appear on the computer screen, press **Esc**, or wait until they appear on the Patient Monitor.



- When the target appears on the Patient Monitor, touch each target as it changes position, and finally touch the green tic button.

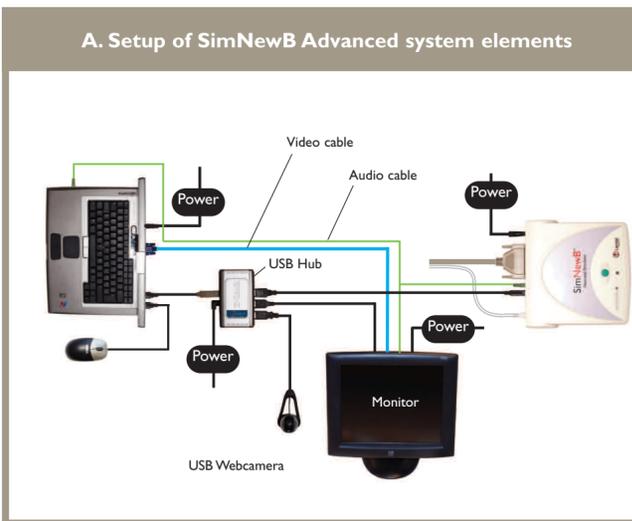
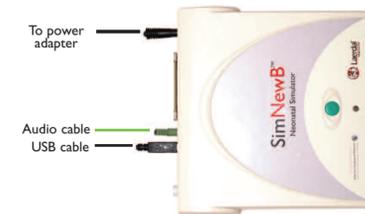
8 INSTALL THE WEB-CAMERA

- Unpack the web-camera
- Connect the web-camera to the USB-hub.



9 INSTALL THE CONTROL UNIT

- Connect the USB cable between the Control Unit and the USB hub
- Connect the Audio cable - mini jack with single wire (**color code!**) 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.



SimNewB™ manikin setup

10 CONNECT THE MANIKIN TO THE CONTROL UNIT

- Unpack the SimNewB manikin and cables.
- With the 25 feet long extension cable, connect the Manikin cable and blood pressure tube to the Control Unit.

11 CONNECT THE BLOOD PRESSURE CUFF TO THE MANIKIN

- Unpack the BP cuff and connect to the blood pressure tube on the manikin cable bundle.

12 CONNECT THE IV BAG RESERVOIR

- Connect the IV bag reservoir to the Manikin's overflow tube.

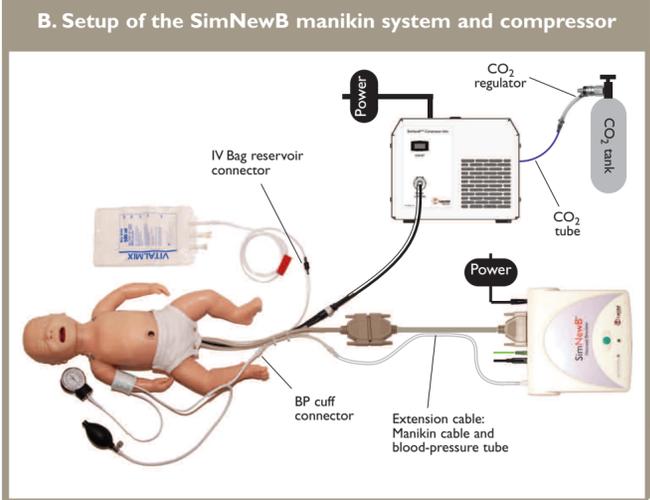
13 INSTALL THE COMPRESSOR OR REGULATOR UNIT

- Unpack the compressor with power cable. Connect the power cable to the compressor and a wall outlet.
- Unpack the compressor air tube and connect it between the manikin and the compressor.
- Operate the unit according to **accompanying instructions**.



14 CONNECT CO₂ TO THE COMPRESSOR...

- Attach regulator to the CO₂ bottle
- Attach the black tube between the regulator and the Compressor Unit or Regulator Unit's CO₂ inlet connector.



You are now ready to start using your SimNewB Advanced system