



# NYSIM

New York Simulation Center  
for the Health Sciences

A PARTNERSHIP OF



# Turning ON SimMan:

- 1) Push the power button on the right torso (Mannequin Right) on SimMan:



Power  
Button  
location

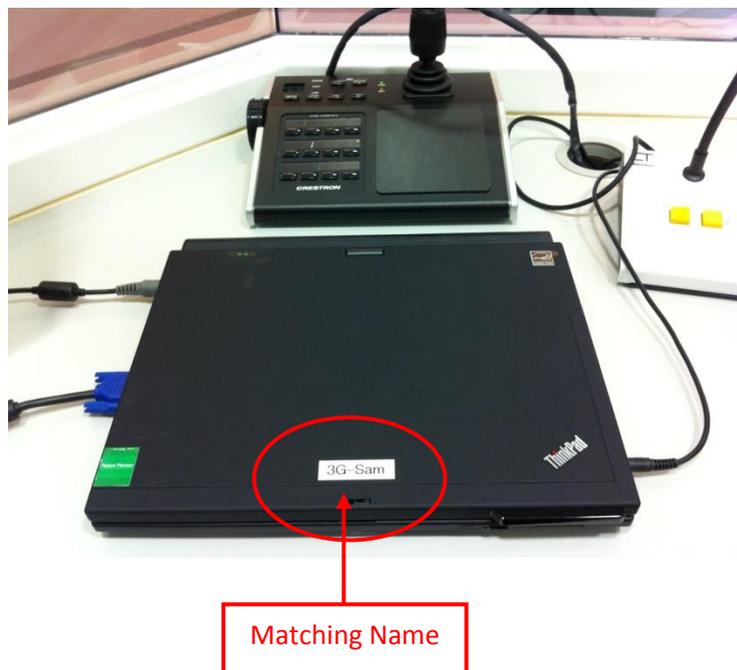


Press  
Button here  
to turn on

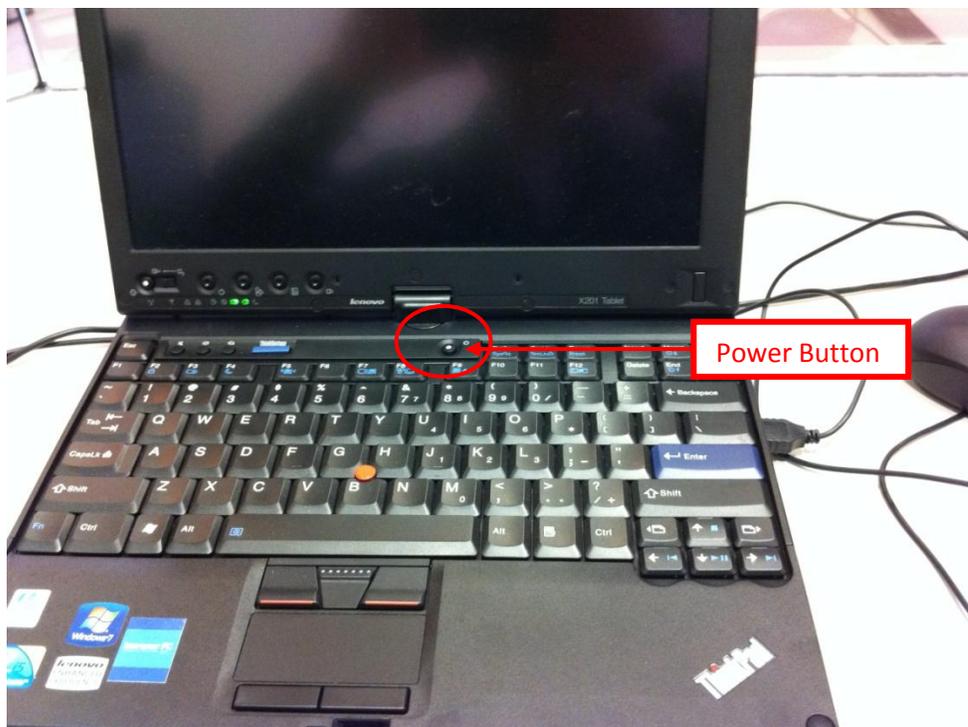
- 2) Make sure that you have the correct laptops for that Mannequin; labels are above power button:



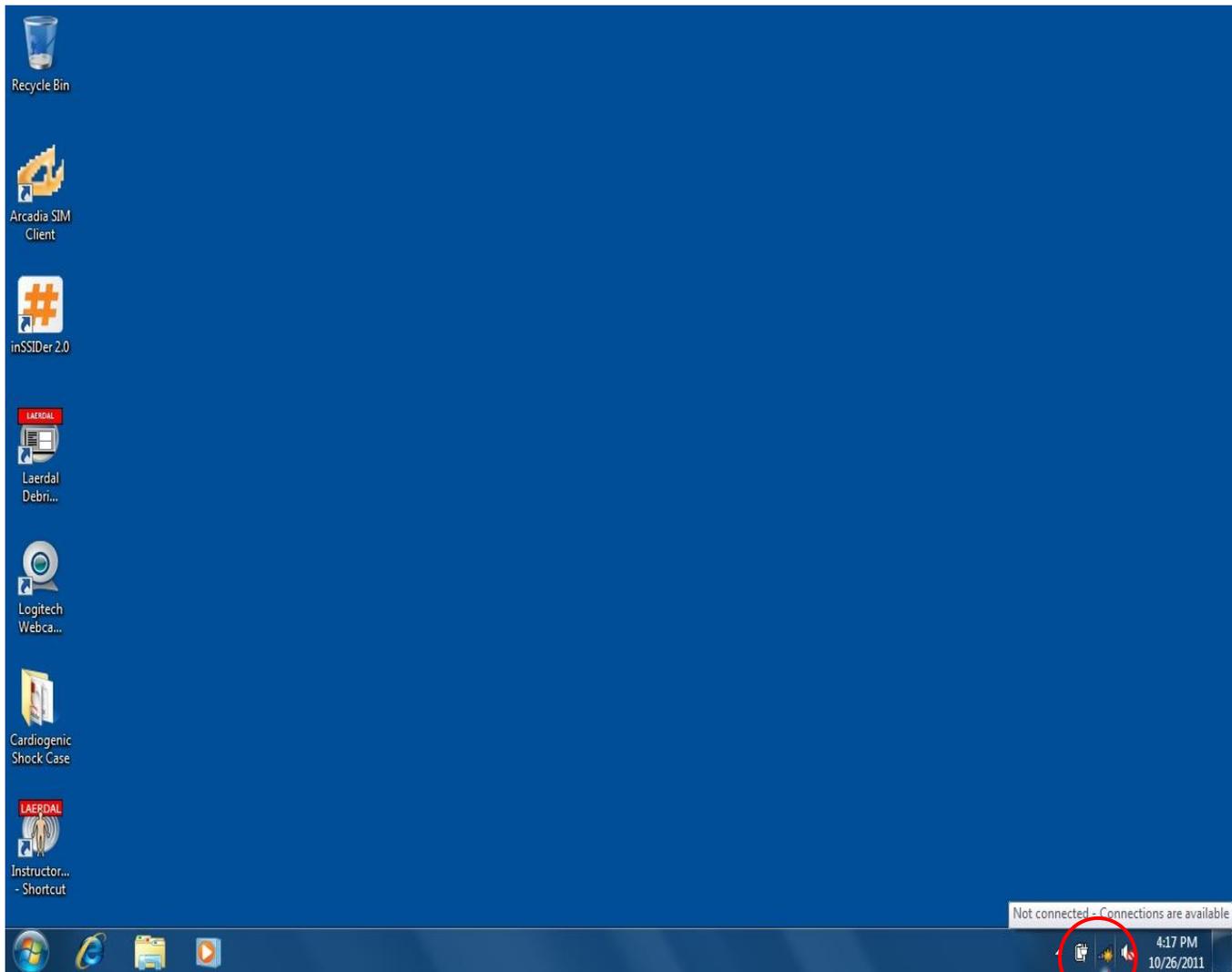
Laptops have labels on the outside with the Mannequin's name:



### 3) Open Laptops and power them on:

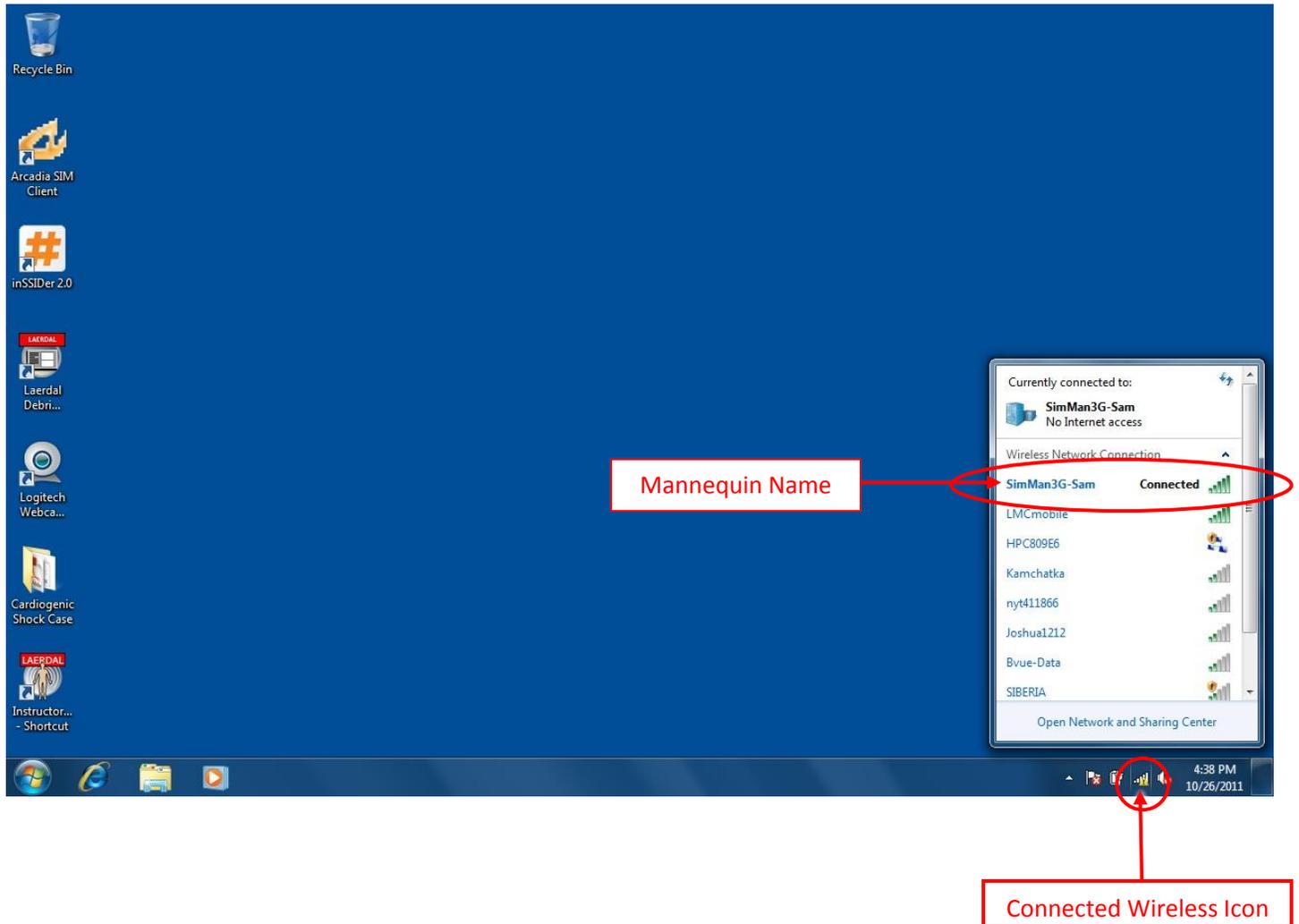


4) Make sure that the laptop connects to the mannequin via wireless connection:

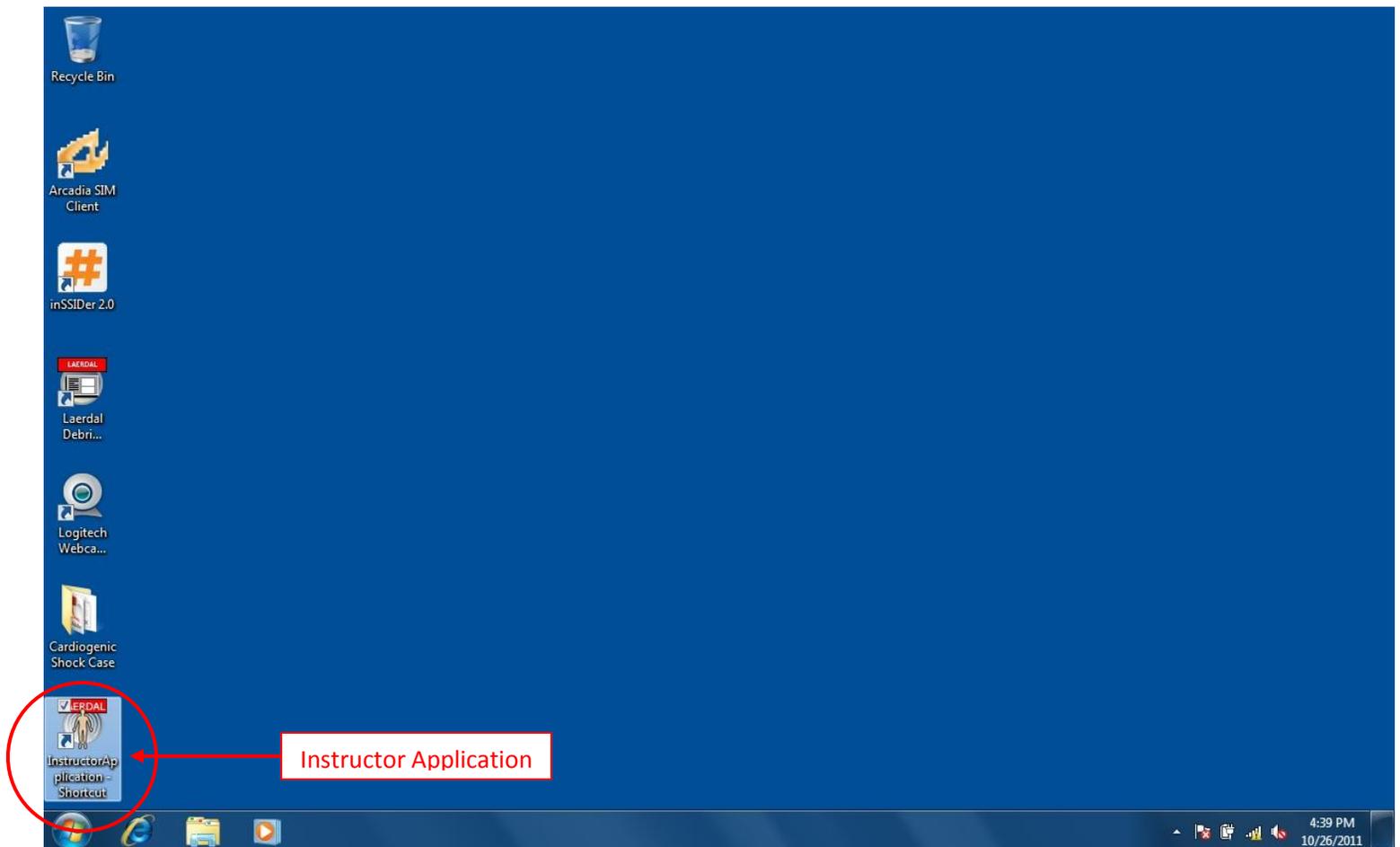


Not Connected

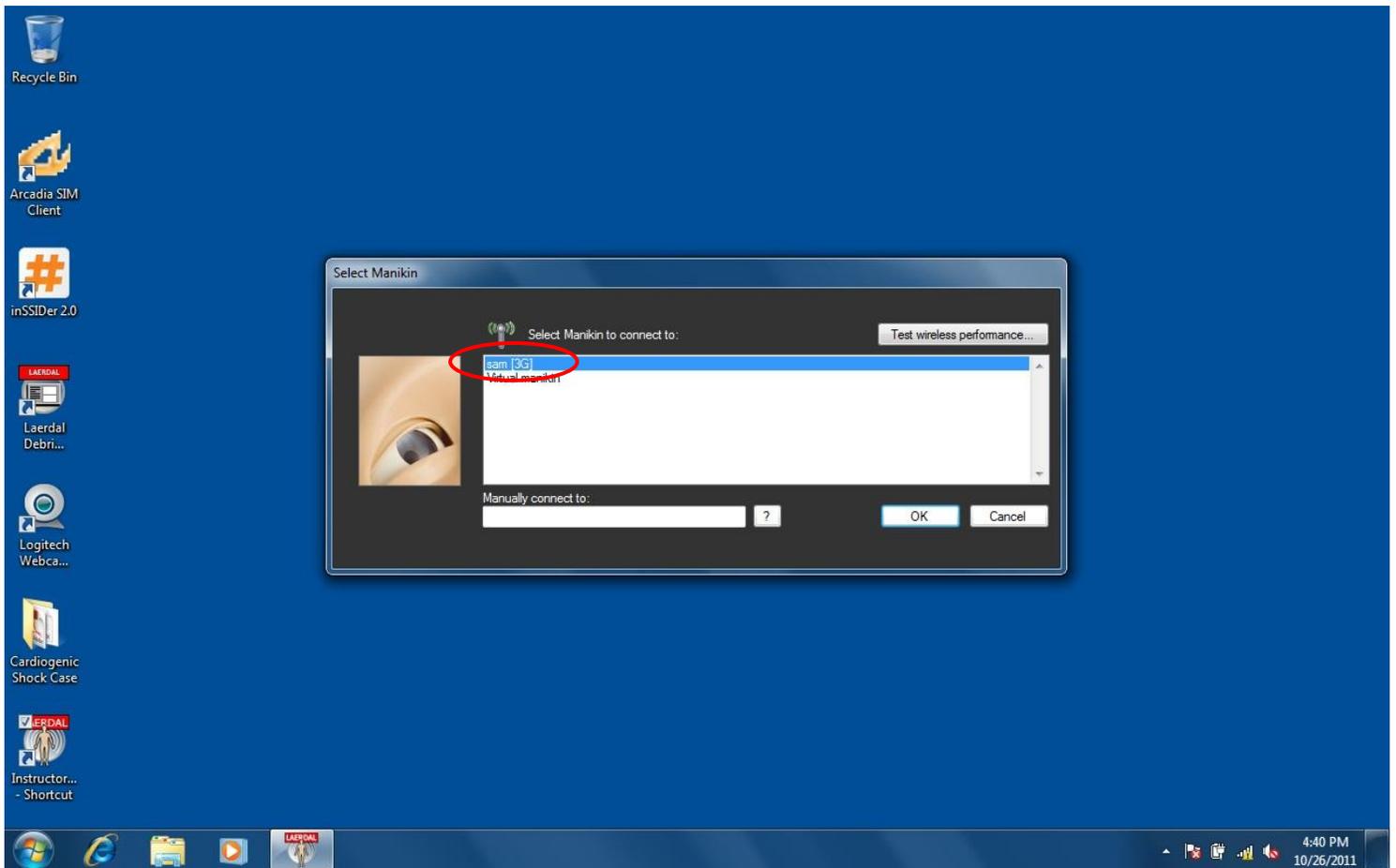
5) If the computer is not connected to the mannequin, click on the wireless icon on the lower right and look for the mannequin name, then highlight the name and select 'connect':



- 6) Once connected to the mannequin, double click the 'Instructor Application' icon from the desktop:



7) Highlight the correct mannequin listed and click 'OK':

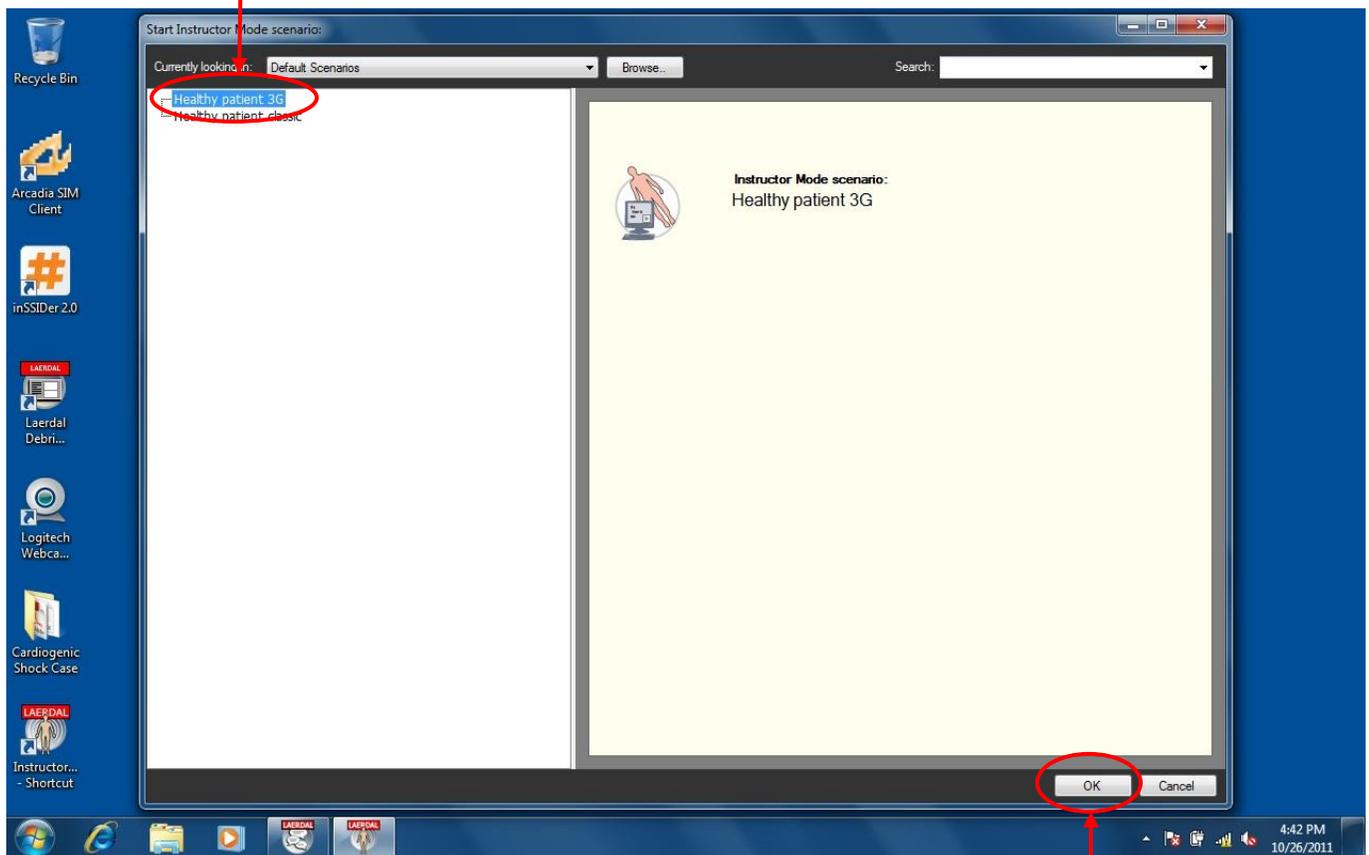


- 8) Double click the 'Start Instructor Mode Scenario' or highlight the selection and click 'Select':



9) Select 'Healthy Patient 3G', if you are not loading a scenario, and click the 'OK' button:

1) Highlight your option here:



2) Click here to continue.

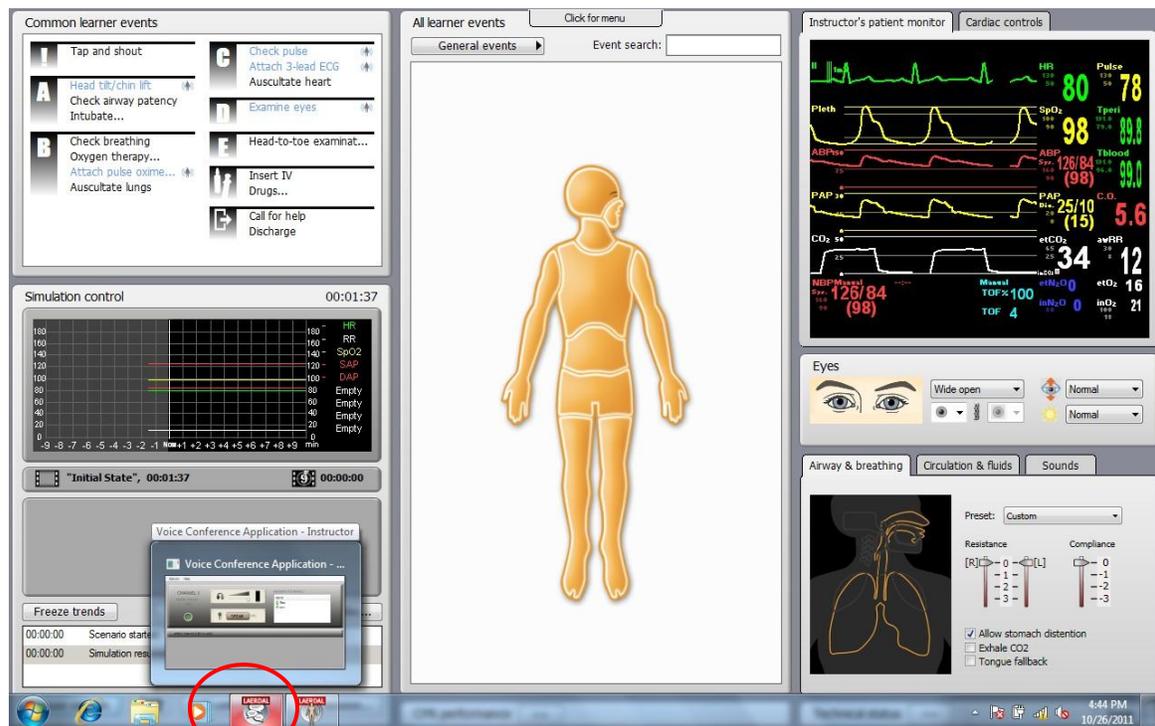
# 10) To start the SimMan Scenario press the 'Start Session' button:

The screenshot displays the SimMan software interface, which is divided into several functional areas:

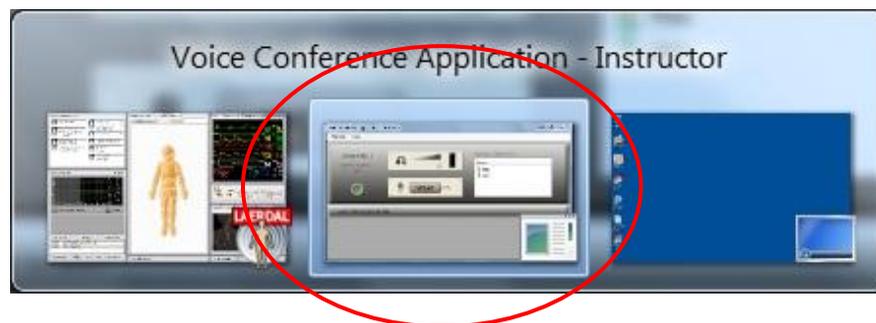
- Common learner events:** A list of tasks such as 'Tap and shout', 'Check pulse', 'Head tilt/chin lift', 'Attach 3-lead ECG', 'Check breathing', 'Oxygen therapy...', 'Attach pulse oxime...', 'Auscultate lungs', 'Examine eyes', 'Head-to-toe examinat...', 'Insert IV', 'Drugs...', and 'Call for help/Discharge'.
- Simulation control:** A graph showing vital signs (HR, RR, SpO2, SAP, DAP) over time. Below the graph are buttons for 'Freeze trends', 'Add trend...', and 'Add handler...'. A text box indicates '00:00:00 Scenario started: "Healthy patient 3G"'. At the bottom left, the 'Start session' button is highlighted with a red circle.
- All learner events:** A central area with a 'Click for menu' button and an 'Event search:' field. A large 'PAUSE' watermark is overlaid on a human silhouette, with text: 'PRESS SPACEBAR OR START SESSION BUTTON IN LOWER LEFT CORNER TO RESUME SESSION'.
- Instructor's patient monitor:** A panel showing various physiological parameters: HR (80), Pulse (98), SpO2 (98), Tperi (98), ABP (126/84 (98)), Tblood (98), PAP (25/10 (15)), C.O. (5.6), CO2 (34), awRR (12), Manual TOF (4), Manual TOF% (100), inO2 (0), etO2 (16), and inO2 (21).
- Eyes:** Controls for eye position (Wide open) and eye state (Normal).
- Airway & breathing:** Controls for resistance and compliance, with options for 'Allow stomach distention', 'Exhale CO2', and 'Tongue fallback'.
- Technical status:** A section with a 'Speak' button.

Click here to begin.

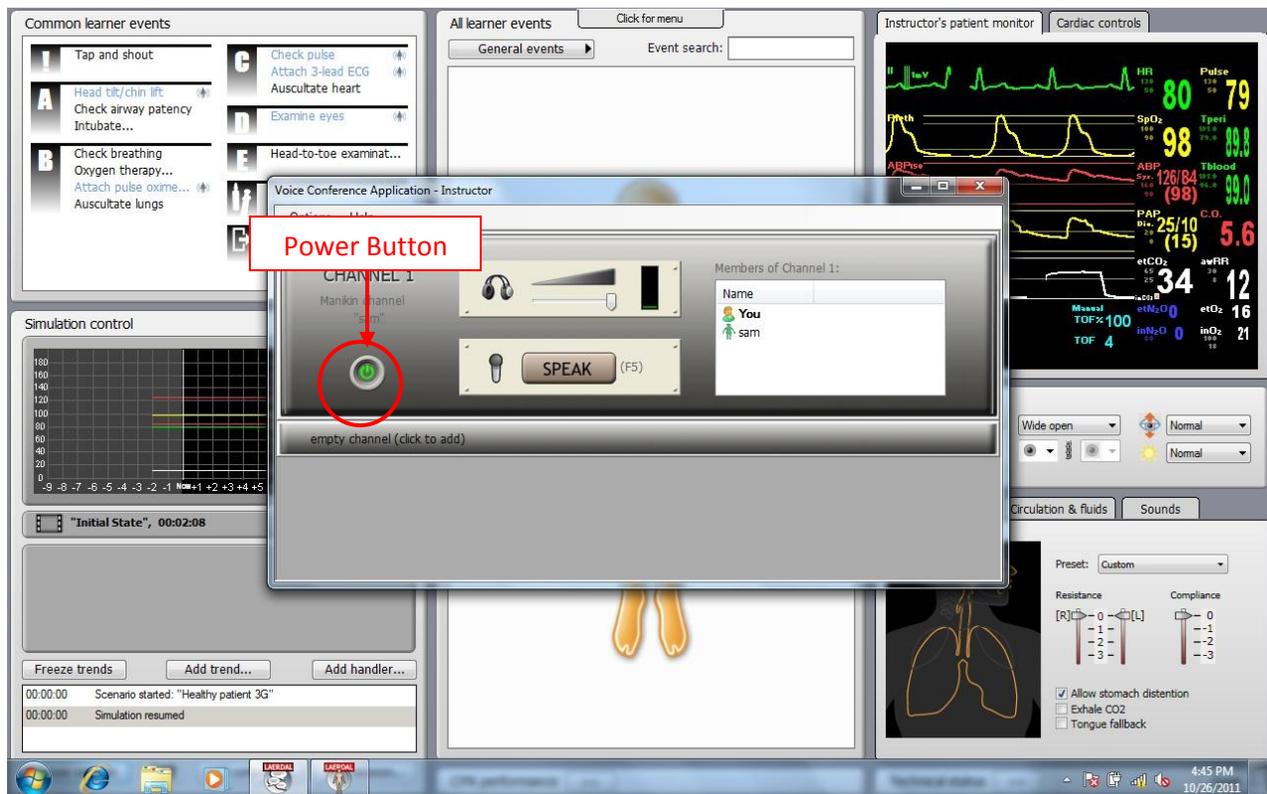
11) By default, the voice conferencing application will turn on which allows you to listen inside of the room from the Mannequin. If you would like to disable this feature, hold down the 'ALT' and 'TAB' buttons simultaneously to switch to the application:



Voice Conference Application



# 12) To Turn off the Voice Conference Application, click on the power button icon to turn off:



13) You may PAUSE the simulation without having to exit by pressing 'Pause' on the lower left in the application:

The screenshot displays a medical simulation application interface. The central panel shows a human figure with a large 'PAUSE' overlay and instructions: 'PRESS SPACEBAR OR START SESSION BUTTON IN LOWER LEFT CORNER TO RESUME SESSION'. The interface is divided into several sections:

- Common learner events:** A list of tasks such as 'Tap and shout', 'Check pulse', 'Head tilt/chin lift', 'Check airway patency', 'Intubate...', 'Examine eyes', 'Head-to-toe examinat...', 'Insert IV', 'Drugs...', and 'Call for help/Discharge'.
- Simulation control:** A graph showing vital signs (HR, RR, SpO2, SAP, DAP) over time. Below the graph are buttons for 'Freeze trends', 'Add trend...', and 'Add handler...'. A status bar shows '00:00:00 Scenario started: "Healthy patient 3G"'. At the bottom are buttons for 'Start session', 'Add comment...', and 'End session...'.
- Instructor's patient monitor:** A panel with 'Pause' highlighted. It displays various vital signs: HR 80, Pulse 88, SpO2 98, Tperi 88.8, ABP 126/84 (98), Tblood 39.0, PAP 25/10 (15), C.D. 5.6, CO2 34, etCO2 34, awRR 12, NBP 126/84 (98), Manual TOF 100, inO2 16, and TOF 4.
- Eyes:** A panel with eye icons and controls for 'Wide open' and 'Normal'.
- Airway & breathing, Circulation & fluids, Sounds:** Panels for adjusting respiratory and circulatory parameters, including resistance and compliance sliders.
- Technical status:** A panel with a 'Speak' button.

# Turning OFF SimMan:

1) Go to 'File' then select 'Exit':

The screenshot displays the SimMan software interface. The 'File' menu is open, and the 'Exit' option is highlighted with a red circle. A red arrow points from the 'Exit' option to a red box containing the text 'Exit the application'. The interface includes a central patient model, a simulation control panel on the left, and a dashboard on the right showing vital signs and physiological data.

**File Menu:**

- Start new session...
- Restart session
- Load session...
- Go to DebriefViewer
- Transfer media files...
- Exit**
- Oxygen therapy...
- Attach pulse oxim...
- Auscultate lungs

**Simulation control:** 00:06:19

**Vital Signs:**

- HR: 80
- Pulse: 78
- SpO<sub>2</sub>: 98
- Tperi: 39.3
- ABP: 126/84 (98)
- Tblood: 39.0
- PAP: 25/10 (15)
- C.O.: 5.6
- etCO<sub>2</sub>: 34
- awRR: 12
- NBP: 126/84 (98)
- Massal: 100
- etN<sub>2</sub>O: 0
- etO<sub>2</sub>: 16
- inN<sub>2</sub>O: 0
- inO<sub>2</sub>: 21

**Simulation Log:**

- 00:00:00 Simulation resumed
- 00:03:29 Simulation paused
- 00:03:29 Simulation resumed

**Buttons:** Pause session, 1min, Add comment..., End session...

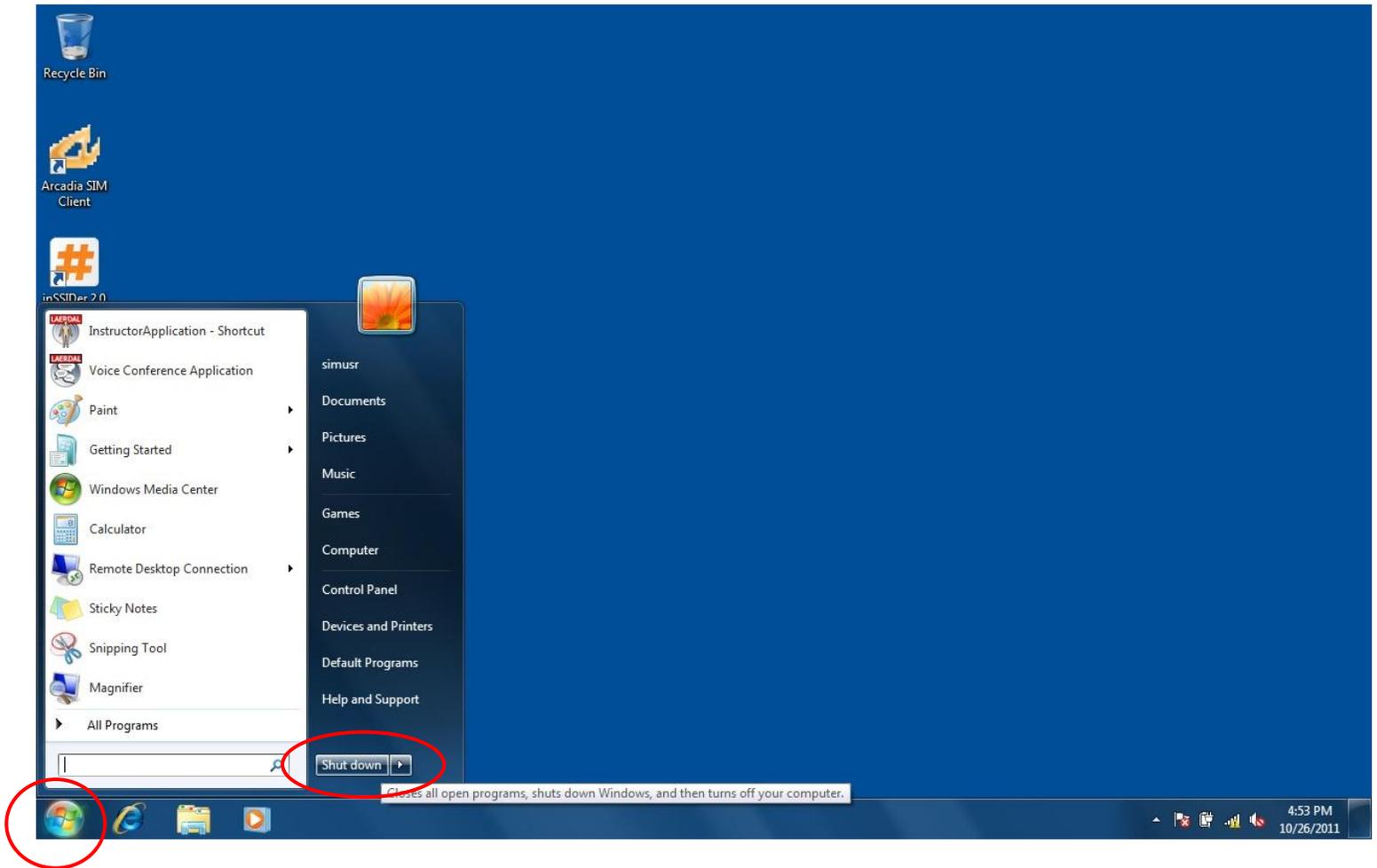
**Technical status:** Speak

## 2) Click 'Yes' to exit:

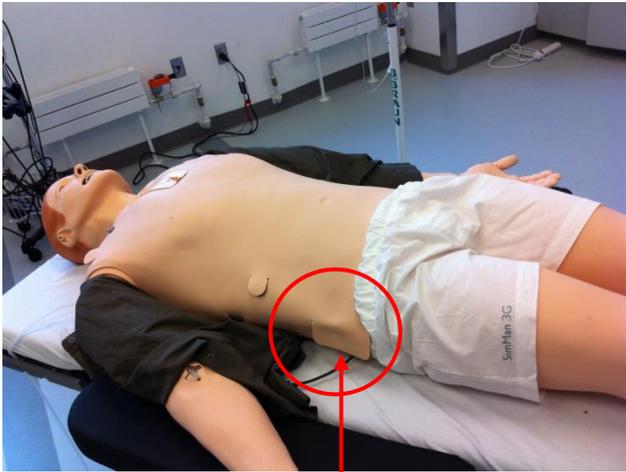
The screenshot displays a medical simulation interface with several panels:

- Common learner events:** A list of tasks such as 'Tap and shout', 'Check pulse', 'Head tilt/chin lift', 'Check airway patency', 'Intubate...', 'Check breathing', 'Oxygen therapy...', 'Attach pulse oxime...', 'Auscultate lungs', 'Examine eyes', 'Head-to-toe examinat...', 'Insert IV', 'Drugs...', and 'Call for help/Discharge'.
- Simulation control:** A graph showing vital signs (HR, RR, SpO2, SAP, DAP) over time. Below the graph, it shows the current state as 'Initial State' at 00:06:48. A log at the bottom shows simulation events: 'Simulation resumed' at 00:00:00, 'Simulation paused' at 00:03:29, and 'Simulation resumed' at 00:03:29. Buttons for 'Pause session', '1min', 'Add comment...', and 'End session...' are visible.
- All learner events:** A central panel with a patient icon and a 'Warning!' dialog box. The dialog asks 'Are you sure you want to quit without saving?' with 'Yes' and 'No' buttons. The 'Yes' button is circled in red. There is also a checkbox for 'Don't show this warning again'.
- Instructor's patient monitor:** A panel showing various vital signs and waveforms. Key values include HR 80, Pulse 80, SpO2 98, Tperi 89.8, ABP 126/84 (98), Tblood 36.9, PAP 25/10 (15), C.O. 5.6, CO2 34, awRR 12, MBP 126/84 (98), Manual TOF% 100, inN2O 0, etO2 16, and inO2 21.
- Eyes:** A panel with eye icons and controls for 'Wide open', 'Normal', and 'Normal'.
- Airway & breathing:** A panel with a diagram of the respiratory system and controls for 'Resistance' and 'Compliance' (R and L sides). It includes checkboxes for 'Allow stomach distention', 'Exhale CO2', and 'Tongue fallback'.
- Technical status:** A panel with a 'Speak' button.

3) Shutdown the Windows computer by clicking 'Start' then 'Shutdown':



4) Push the power button on the right torso (Mannequin Right) on SimMan:



Power  
Button  
location



Press  
Button here  
to turn on