



Selecting & Reassigning COM Ports for the EM3 Module

The purpose of this procedure is to assist in the reassigning of COM ports to be used for the EM3 module. Prior to changing any Com port settings ensure that;

1. The SphygmoCor Software has been installed. (EM3 drivers are installed by default as part of the SphygmoCor Software installation.)
2. The EM3 does not connect using any of the available COM ports listed in SphygmoCor under System -> Settings.

Reassigning the COM port:

1. Connect the EM3 Electronics Module to the computer via the USB cable. Ensure your SphygmoCor Software is closed.
2. Right click MY COMPUTER and select properties.
3. Select the DEVICE MANAGER Tab, (For Win 2000/XP, Select the Hardware Tab, then DEVICE MANAGER).
4. Open UNIVERSAL SERIAL BUS CONTROLLERS by clicking the plus symbol (similar to windows explorer).
5. Observe USB SERIAL CONVERTER and check that the icon representing this device does not have any exclamation (!) or question marks (?) next to it.
6. Open PORTS (COM & LPT) by clicking this plus symbol.
7. Note the Com Port number assigned to the USB SERIAL PORT (e.g.: Com 3) ***You will need this number to use your SphygmoCor software!** If the Com Port number is 9 or less then proceed to step 9.
8. If the Com Port number is 10 or greater:
 - a. Double-click on USB SERIAL PORT.
 - b. Select the PORT SETTINGS Tab.
 - c. Click the ADVANCED button.
 - d. Open COM PORT NUMBER by clicking on the drop-down menu arrow.
 - e. All the Com Ports less than 10 will be labeled (in use) because other devices have used these numbers at some point and may be using them now. Ensure the EM3 Module remains connected. Select Com Port 9. ***You will need this number to use your SphygmoCor software!**
 - f. Click OK.
 - g. A warning will appear. Click YES.
9. Run your SphygmoCor Software.
10. A window will pop up stating, "Electronics Module Not Found", "Would you like to Try and Detect the Electronics Module Again?"
11. Select NO.
12. Once the program is open, go to the menu at the top of the window, click SYSTEM, and select SETTINGS.
13. Select the Com Port* as observed in the previous section (section 7 or 8) and click SAVE.
14. Go to the menu at the top of the page, click SYSTEM, and select CHECK MODULE.
15. At the bottom of the window should be displayed "MODULE FOUND SUCCESSFULLY".
16. This shows that your system is now ready for use.
17. If the words "MODULE NOT FOUND" appear, contact AtCor Medical for technical support.

***Note:** To Set the Comms. Port, click the drop-down menu arrow and select from COM1 to COM9 or SIMULATION.