

Easy Ambulatory Setup Verification Procedure

This procedure is used to verify that the Easy Ambulatory system has been setup correctly and that EEG/PSG clinical data can be acquired, saved, and report generated. The person performing this procedure should have a basic knowledge of electroencephalograph and/or polysomnograph testing.

Turning Equipment On

1. Place batteries in device and connect the power cable. Plug one end of the network cable into the Ethernet network card on the back of the PC and one end of the cable into the 9-pin connector labeled P1. Refer to the Easy Ambulatory Setup guide (PN: 100830-933) for detailed information. If Q-Video Mobile is part of the configuration, make sure that the device is powered on and plugged into a USB input on the PC. Refer to the Easy Ambulatory Setup guide (PN: 100830-933). See images below for your reference:

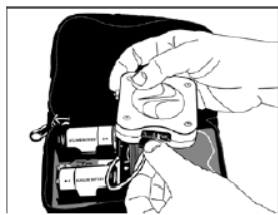


Figure 1 Inserting Batteries and Connecting the Power Cable

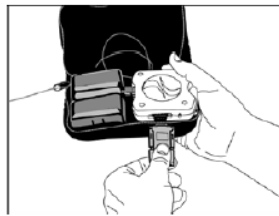


Figure 2 Connecting Ethernet Cable to Recorder

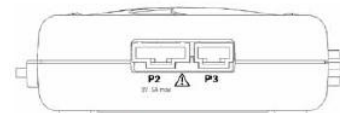


Figure 1 Amplifier Power Connector

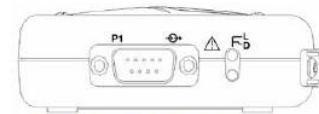


Figure 2 Amplifier Ethernet Connector

2. Turn all equipment on:
 - Computer
 - Monitor

Starting the Easy III Program

1. Start the Easy III program by clicking on the Easy III Ambulatory icon.
2. Log in to Easy III with your Cadwell login. (default for Admin is admin)

Starting a new Recording

1. Select the New Patient tab in the Easy Ambulatory dashboard.

2. Observe the Recorder Status in the lower left hand corner of the dashboard. The status should be 'Connected'. If Q-Video Mobile is plugged in, a separate Status should show up for this device stating that it is connected.



If the recorder is not identified, press and hold the event button on the ambulatory recorder for at least 5 seconds. Pressing the event button will send a signal to the Ethernet connection on the Easy III computer to wake up and detect the recorder. If the Q-Video Mobile device is not identified, make sure that the connections are secure and the device is powered on.

3. Fill in all fields outlined in red.

Image without Q-Video Mobile below:

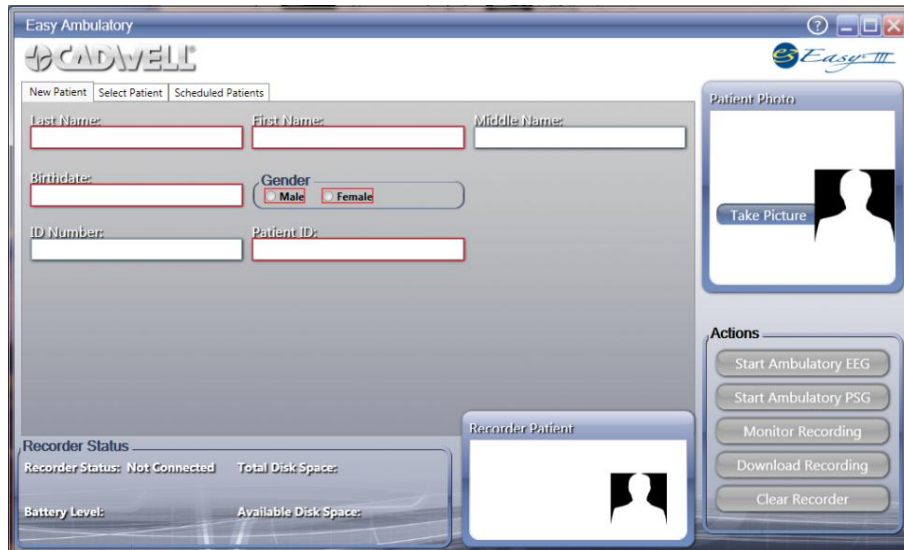
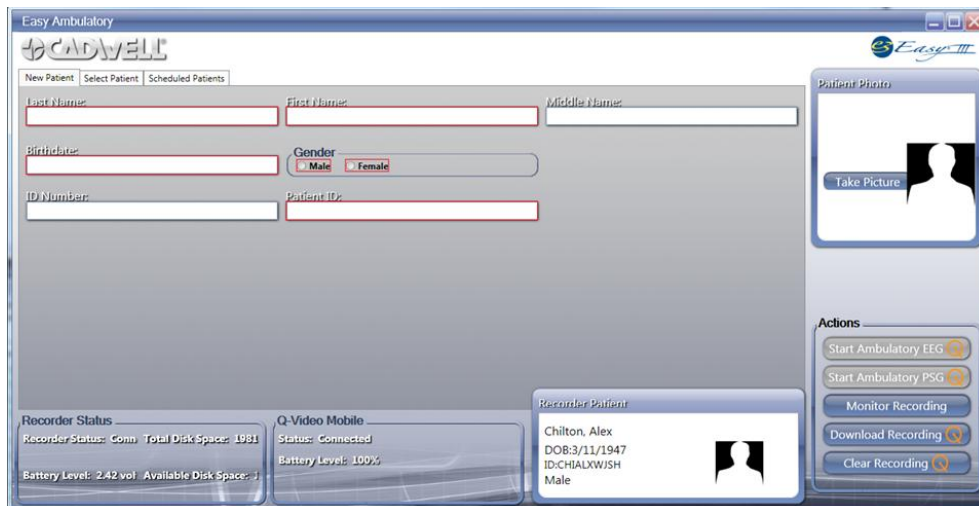


Image with Q-Video Mobile below:



- Once all required fields are filled in, the two top buttons on the right will become “active.” Select to either Start Ambulatory EEG or PSG. This will initiate the recording.



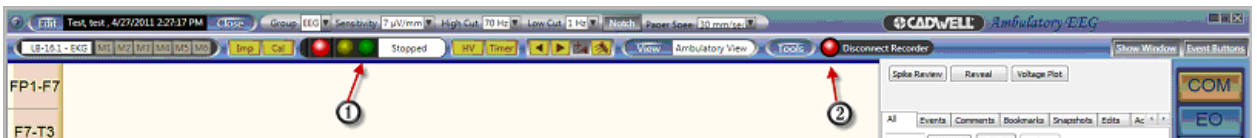
If prompted to enter a license key at this stage, call in to Cadwell Support. You will be transferred to a representative who will give you the license key to enter.

- Click OK to the Patient Info dialog that comes up. Then wait for the trace window to load, once up, click on the green stop light symbol for EEG to start recording. For PSG, click on the Play button to begin recording. During this time, the Q-Video Mobile device will start to initialize automatically if connected.



Below is a quick reference guide of the Toolbars available in either an ambulatory PSG or an ambulatory EEG test.

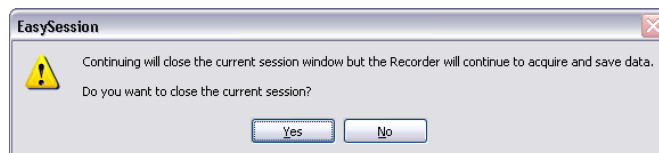
EEG:



PSG:



- Traces should start showing up on the screen. The Q-Video Mobile device will be displaying the video data being recorded.
- Let the traces record for five minutes. Click on Disconnect Recorder.
- The below window will appear, select Yes.



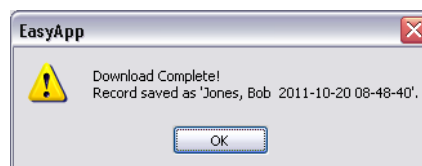
- Unplug the 9-pin connector plug from the ambulatory recorder. Unplug the Q-Video Mobile device from the PC if part of this system. Leave both disconnected for five minutes.

Downloading the Recording

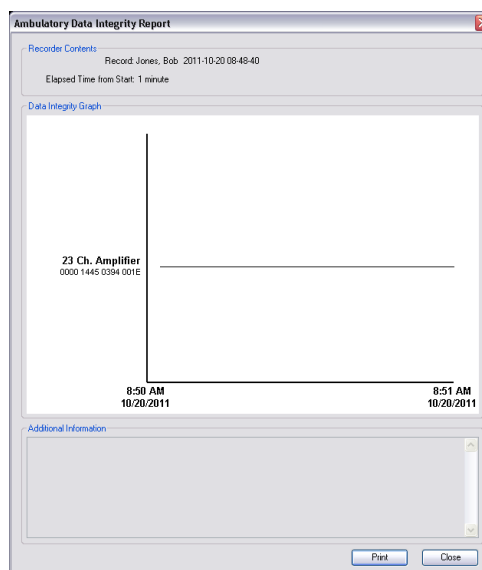
1. Plug the 9-pin connector plug back into the ambulatory recorder. Plug the USB B connector back into the Q-Video Mobile device if part of this system.
2. Launch the ambulatory dashboard and select Download Recording. Answer Yes to the prompt.



3. The download is now occurring, once complete the following prompt will display, select OK.



4. The Ambulatory Data Integrity Report will appear. Stating the patient name and elapsed time of recording. Click on Close.



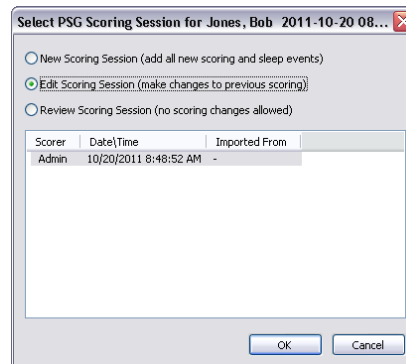
5. The record will automatically open. Page through the record to ensure that the waveform data was captured as expected as well as the video and audio data if captured with Q-Video Mobile.

Reviewing Recording

1. Double click on the Easy III Review Data icon, highlight the test recording in the list. Double click or select Open Record.



For PSG records, the Select PSG Scoring Session window will populate. Select the appropriate radio button and scoring session and click OK. The record will now open.

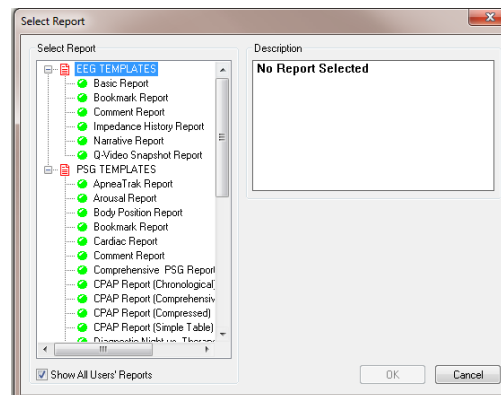


Generating a Report, closing Recording, and Reviewing the Report

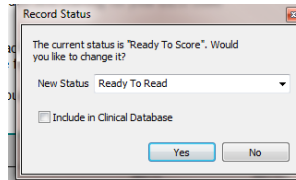
1. With the record open, click on the SELECT button next to Reports at the top of the screen.



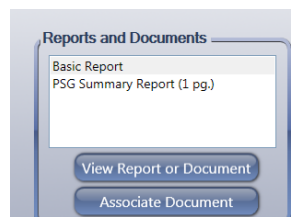
2. Highlight a report to generate and select OK.



3. When report is finished generating, close the report by clicking on the red "X" and say "Save."
4. Close out the recording by either clicking on Close at the top of the screen next to the patient name, or click on the "X" in the upper right hand corner.
5. Wait for the Record Status dialog to come up, select No.



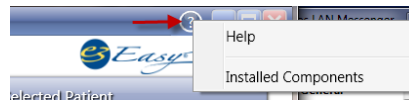
6. Double click on the Easy III Review Data icon and select the test patient you just ran. When highlighted, you should see the reports you generated showing up in the list in the bottom right hand corner of the dashboard. Simply highlight the report and click on View Report or Document, review report.



7. Highlight a report and select View Report or Document, verify that the report opens through Microsoft Word as expected.



For more information on how to operate your Easy III equipment, please refer to the Easy III Help Topics. In any Easy III dashboard simply click on the question mark in the upper right hand corner and select Help.



Once there, utilize the search tab to perform keyword searches on topics of interest.

