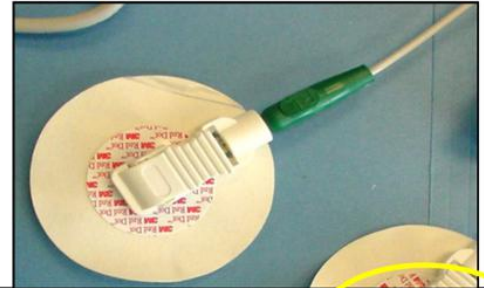


**Background:** Sending a detailed ECG report is one of the many functions provided by the AFHCAN Cart software. The IQmark ECG allows you to capture the patient data that may then be transmitted via the AFHCAN system.

**Using the IQmark Digital ECG device:**

**1.** Select patient in the AFHCAN software, then position patient and apply leads securely per your policy



**2.** Select "ECG" button from the "Add to Case" screen



**3.** Select "Start ECG" button



**4.** Perform the tests you need (e.g. select the analyze button to run an ECG). See back page for buttons and functions.

**5.** Press the "Review" button when ready and you will be directed to the next screen



**6.** View the reports by clicking on the ECG icons on left side of

**7.** Click the "Details" button for a more detailed report view.

**Thumbnails**

ECG 11:01:33

ECG 11:03:06 RR Report

**Patient Position:** Patient should be placed comfortably in a supine position. Patient position should be noted on the ECG report.

**Skin Prep:** Abrade the skin at the electrode site with an alcohol prep pad. Male patients with very hairy chests should be shaved.

**Limb Lead Placement:**  
 RA - Right Arm electrode is placed on a distal portion of the right forearm.  
 LA - Left Arm electrode is placed on a distal portion of the left forearm.  
 RL - Right Leg electrode is placed on a distal portion of the right leg.  
 LL - Left Leg electrode is placed on a distal portion of the left leg.

Clinic Name: \_\_\_\_\_

Patient Name: **May Bewell** Report Type: **ECG Report**  
 Patient ID: **000-00-0001** Report Date: **10/28/05 16:11:03**

Technician: Sherwood, Duane  
 Reviewed By: \_\_\_\_\_  
 Review Date: \_\_\_\_\_

Sinus Rhythm - Short PR syndrome  
 P-QRS - 1.1, Normal P axis, H Rate 75  
 PQi = 108  
 -Incomplete right bundle branch block  
 -Negative T-waves - May be normal for this age

Rate: 75 BFM  
 PR: 108 msec  
 QT: 336 msec  
 QTc: 364 msec  
 QRSd: 100 msec  
 P Axis: 66  
 QRS Axis: 67  
 T Axis: 69

ABNORMAL

Details Settings Add Delete Modify Clear/Add

File Print Settings Help Exit

**8.** All reports will auto-generate a green check mark. Click on a green check mark to de-select any ECG reports you do not wish to keep before selecting the "Save" button.

**Thumbnails**

ECG 16:30:06

ECG 16:31:49

**Patient Position:** Patient should be placed comfortably in a supine position. Patient position should be noted on the ECG report.

**Skin Prep:** Abrade the skin at the electrode site with an alcohol prep pad. Male patients with very hairy chests should be shaved.

**Limb Lead Placement:**  
 RA - Right Arm electrode is placed on a distal portion of the right forearm.  
 LA - Left Arm electrode is placed on a distal portion of the left forearm.  
 RL - Right Leg electrode is placed on a distal portion of the right leg.  
 LL - Left Leg electrode is placed on a distal portion of the left leg.

**9.** Select the save button to add the selected reports to the case

Start ECG

Save

Back

### Components of the ECG screen

<p><b>Print:</b> prints currently selected report</p>		<p><b>Settings:</b> standard, should not need to adjust</p>
<p><b>Analyze:</b> Select this to record an ECG</p>		<p><b>Help:</b> IQmark help, NOT AFHCAN software help</p>
<p><b>Freeze:</b> will capture the currently visible information—will need to select analyze and then “unfreeze”</p>		<p><b>Review or Exit:</b> will bring you to the next screen where you may save to case</p>
<p><b>Start RR:</b> collects 90 seconds of data</p>		<p><b>Reports indicators:</b> green light indicates # of reports</p>

### Troubleshooting the ECG

**1. ECG not working?** Check the power supply



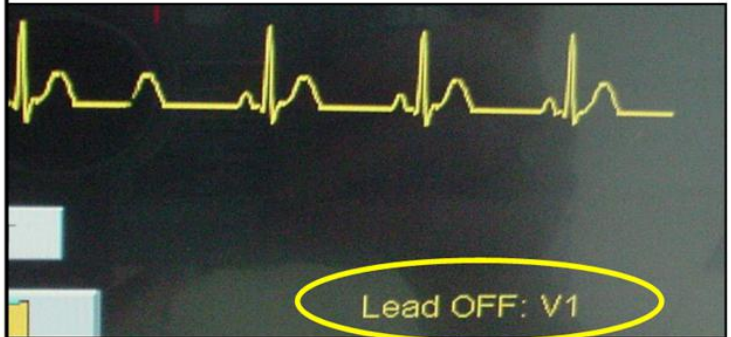
Check that the green light is illuminated.



Ensure USB port is secure if you have a USB unit (battery compartment won't open).

Check batteries if you have a serial unit (note picture of batteries and functional compartment).

**2. Check leads—the monitor will indicate if one is loose**



**A.** Are all connections to the patient secure? Follow your protocols if skin is not dry enough or there is too much hair.

**B.** Is the electrode jelly wet enough? Is the electrode adhesive sticky?

**C.** Are all of the leads hooked together and to the electrodes securely?

**3. Check for a secure connection between leads and box.**



**4.** May try gently wiping lead ends with dry gauze and friction in case of possible corrosion.

