# How to Load the I-button

**Applies to the following: ALL SQA-V (V, Vb, Ve, Vp and Vt)**
**Issue date: March 3, 2010**

## Instructions:

### Problem description:

I-Button Tests are not loading from the I-Button after repeated attempts and the following message is displayed on the V-Sperm screen (see Figure 1)

### Explanation of the failure:

There is an intermittent I-button communication failure between the SQA-V and the computer in some cases.



Figure 1: error message
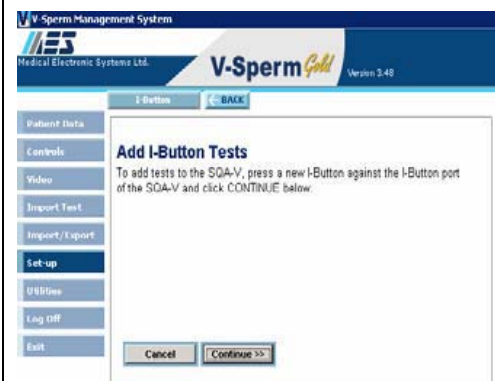
### Procedure for LOADING THE I-BUTTON:

1. Turn on the SQA-V and the V-Sperm Computer

2. From the SQA-V go to: MAIN MENU > SERVICE > ADD I-BUTTON TESTS

3. Now go to the V-Sperm (or B-Sperm, or E-Sperm, etc.) and click: CONTINUE

4. **PUSH and HOLD** a **NEW** I-button against the I-button port on the left side of the SQA-V.
   - **Press the button against the port**
   - **Press the button downward so the edges of the button and port touch each other**



5. When the button is in place, go to **V-Sperm** and click: **CONTINUE**

   **Please Note:** **Make sure the I-button does not move while loading. A slight movement may cause a failure and tests will not be loaded.**
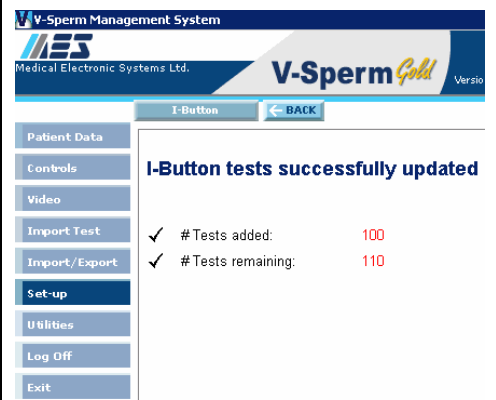
**6.** A progress bar can now been seen on V-Sperm.

**7. HOLD the button against the port as described above during the ENTIRE process of loading the tests** until you receive a message: **I-Button Tests successfully updated**

## Troubleshooting Errors:

1. Click **CONTINUE** again if the I-button it doesn't load tests and you receive a communication error.

2. If you still receive a **Communication Error** check that you are:

   - **Holding the I-button against the port during the whole download?**

   - **Following every step exactly as explained in the I-button loading procedure?**

   - **Using a NEW I-button card?**

3. Is the SQA-V connected (via an RS232) to your V-Sperm Computer? (To test this- try importing your patient data..does this work?)

4. If you answered "Yes" to all of these questions, follow these instructions:

   - **Turn off the power on the SQA-V (from the back)**

   - **While holding the SERVICE button of the SQA-V, turn the power switch back on**

   - **You should now have a blank screen (sometimes with garbled lines)**

   - **Wait 5 seconds and turn off the power again.**

5. Finally turn on the power and follow the "I-button loading instructions" again (section 1- section 7 above).