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|  | | **POINT OF CARE TESTING FLOWCHART** |  |
| **1.** | **Start-up** machine – Turn on the GeneXpert Machine **first** and the laptop **second**. | |  |
| **2.** | **Log on** - **“Cepheid Admin”**, password **“cphd”** and wait for GeneXpert program to open. | | Image result for login button |
| **3.** | **Backup** previous test results as prompted by software. | |  |
| **4.** | **Check cartridge** for damage, after opening lid as well (trace of crystals). | | C:\Users\Cfernandez\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\DSC00248.jpg |
| **5.** | Perform **finger prick** and **collect blood.** | |  |
| **6.** | Place **minivette into the sample chamber** and **depress plunger** to the end to ensure the entire sample is dispensed into the bottom of the cartridge and **close cartridge lid**. | |  |
| **7.** | **Dispose of the minivette** into the biohazard waste. | |  |
| **8.** | **Create Test** on the GeneXpert software. | | **P:\VHCRP\Hepatitis C\DARLO-C_1510\2.0  Study Tools\2.7  Manual of Operations\Cepheid information\Cepheid machine, fingerstick and cartridge Photos\5_blank home screen.PNG** |
| **9.** | **Select Scan Cartridge Barcode.** Use the scanner to scan the barcode until you hear a beep.  **Enter** the Sample ID, Serial number, assays and sample type (as below:)   * + 1. **Sample ID:** Screening ID (444-XXX) **OR** Study Subject ID (1510 – 5 Digit Site Number – 2 Digit Patient Number).     2. **Notes:** Study visit.   **Select Start Test.** | |  |
| **10.** | **Load cartridge** in to the module door with BLINKING GREEN light and push door close until locked and assay starts. | |  |
| **11.** | Once test is complete **dispose of the cartridge** into a biohazard waster bag. | |  |
| **12.** | **Report results** by clicking on View Results button and the result will be displayed in the ‘test results’ tab. | |  |
| **13.** | Perform daily and if necessary monthly or quarterly **maintenance** and **archive** results. | |  |
| **14.** | **Turn off** the laptop **first** and the GeneXpert machine **second.** | | Image result for Off |
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| **Please follow these steps to create a test by manual data entry**  (if your cartridge does not have a barcode or if the barcode scanner is not working) | | |
| **8.** | **Create Test** on the GeneXpert software. | **P:\VHCRP\Hepatitis C\DARLO-C_1510\2.0  Study Tools\2.7  Manual of Operations\Cepheid information\Cepheid machine, fingerstick and cartridge Photos\5_blank home screen.PNG** |
| **9.** | **Enter** the Sample ID, Serial number, assays and sample type (as below:)   1. **Sample ID:** Study Subject ID (1605 – 5 Digit Site Number – 2 Digit Patient Number). 2. **Assay:** HCV Finger Stick. 3. **Test Type:** Select ‘Specimen’. 4. **Notes:** Study visit. 5. **Cartridge S/N:** Enter the serial number last.   **NOTE:** Please do not enter the past expiry date into the expiry date. |  |