

The PATH device enables a variety of audiology tests to be performed on a patient. The results can be easily saved to an AFHCAN case.

### Connection Tips

- The power button and all connections are located on the top of the device
- Ensure air pump connection is secure
- Ensure device is plugged in and charging when not in use



### Disposable Components



Accessory box: contains calibration caps and other replacement components



Ear Tips: both single and triple flange ear tips are available in multiple sizes

### General Instructions

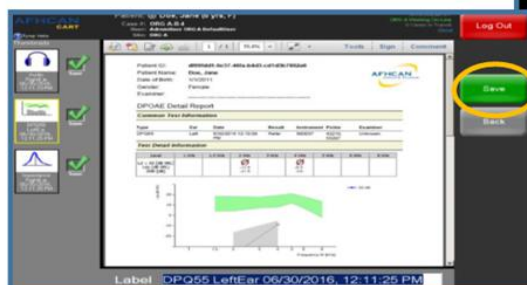
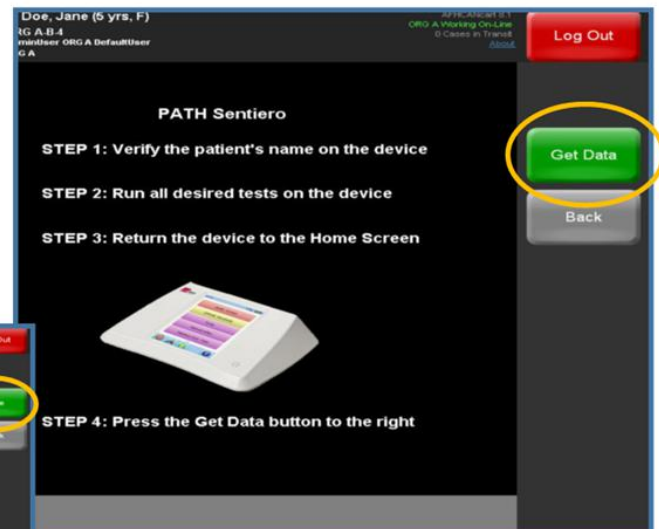
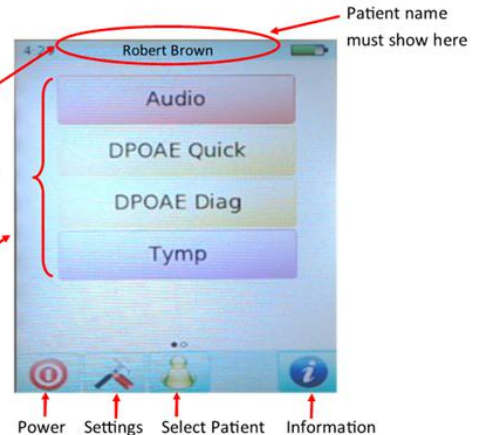
Prepare the AFHCANcart: log in, identify patient, create a case, select "Add to Case", then select "Audiology" button



Steps 1-4 MUST be followed in order:

1. On the PATH screen, verify correct patient is displayed. If you don't see patient name on device, you cannot save that data/test.
2. On the PATH, select and run all desired tests using the PATH home screen (multiple tests can be saved at the same time). Follow testing instruction prompts for each test.
3. Once all desired tests for the selected patient are complete, return the PATH device to the home screen.
4. Select the "Get Data" button on the AFHCANcart.
5. Label, review and "Save" test data on the cart
6. If additional testing is needed after getting data, select "Add to Case" button and repeat from Step 1.
7. Once all tests have been saved in AFHCAN, send the case to the desired recipient.

#### Path Home Screen



## SECTION 1: Details on Performing an Audiogram


**Audiogram:** An audiogram is a graph that shows the patient's hearing levels at various frequencies. The purpose of the hearing test is to find the softest sounds the patient can hear. For reliable results, it is important the patient is able to understand and follow instructions to properly comply with testing procedures.

**PATH Device Audiogram should be performed in the quietest available space.**






**NOTE:** The PATH device will be set to automatically run a hearing screening.

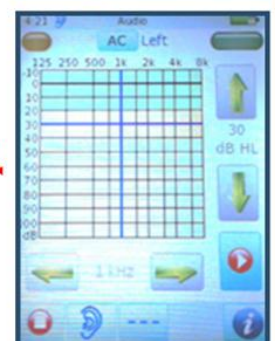
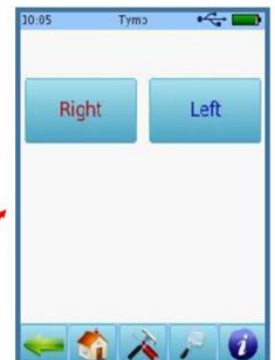
### Audiogram / Automatic Hearing Screening

Prepare for the testing:

- On the AFHCANcart: log in, identify patient, create a case, select "Add to Case", then select "Audiology" button. 
- Explain procedure and position patient in quiet space, facing away from the device.

**Steps 1-4 MUST be followed in order:**

- On the PATH device, verify correct patient and that the demographics are saved from the AFHCANcart to the PATH
- Run audiogram:
  - Verify that the headset is connected into **BLUE** port of the PATH
  - Verify that the patient response button is connected
  - Place headset on patient **RED on RIGHT** ear
  - Ensure patient is facing away from the PATH device
  - Select 
  - Select  again
  - Select Left or Right then push the play button  to begin the automated test
  - After the first ear is completed, it will automatically test the other ear
- Return the PATH device to the home screen  
- Once all desired tests for the selected patient are complete, select the "Get Data" button on the AFHCANcart.
- Label, review and "Save" test data on the cart
- If additional testing is needed after getting data, select "Add to Case" button and repeat from Step 1.
- Once all tests have been saved in AFHCAN, send the case to the desired recipient.



The PATH device has been set for use by CHA/P's as a hearing screening tool. Do not change settings.

**The home screen has two windows. You should only need the first window.**



## SECTION 2: Details on Conducting a DPOAE Quick Test

**(Use Quick Test only—do not use DPOAE Diagnostic Test without specialized training.)**

**NOTE:** Proper probe placement and calibration are important for a reliable outcome. Calibration is recommended daily before use.

### Otoacoustic Emissions (OAE)

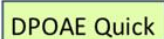
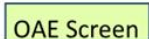

Prepare for the testing:



- On the AFHCANcart: log in, identify patient, create a case, select “Add to Case”, then select 

**Steps 1-4 MUST be followed in order:**

- On the PATH, verify correct patient and that the demographics have been saved from the AFHCANcart to the PATH.

- Run otoacoustic emissions (OAE) test:

- Select  then 
- Select proper sized ear tip and place on end of probe
- Insert probe in ear ensuring proper fit, do not hold in place if possible (consider taping/clipping cord to patient’s clothing so it doesn’t pull loose).
- Select Right or Left ear 
- Once a seal is obtained, screen will advance and the test will begin automatically
- Repeat from C with other ear
- Press back button and complete any additional testing

- Once all desired tests for the selected patient are complete, return the PATH device to the home screen  

- Select the “Get Data” button on the AFHCANcart

- Label, review and “Save” test data on the cart



- If additional testing is needed after getting data, select “Add to Case” button and repeat from Step 1.

- Once all tests have been saved in AFHCAN, send the case to the desired recipient.

OAE Screen-



**Calibration is recommended once a day before the device is used.**

- Turn on device
- From the Main Menu tap the Tools  Button to enter the Settings Menu
- Connect tympanometer cable with RED end to Red port on the device and the attached clear air tubing to pump outlet which is on the other side of the blue port on the device if not already connected
- Insert probe tip firmly into RED test cavity  found in accessories box
- Select “Functional Tests” then “Probe Test” from the next two screens on the device
- Test will run automatically. Results will either be green **Probe OK** or red **Probe Failed**.
- If Probe Test fails check connections to ensure they are secure and reinsert probe tip into test cavity and retry Probe Test.
- If test still fails try moving clear plastic probe tip by squeezing the top and bottom, then retest. Contact your IT support for further troubleshooting instructions.

### SECTION 3: Details on Conducting a Tympanometry Test

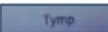







**NOTE:** Proper probe placement and calibration are important for a reliable outcome. Calibration is recommended daily before use.

#### Tympanometry Test

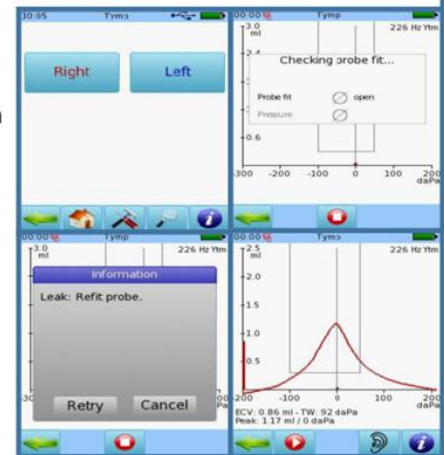
Prepare for the testing:

- On the AFHCANcart: log in, identify patient, create a case, select "Add to Case", then select "Audiology" button. 



Steps 1-4 MUST be followed in order:

- On the PATH device, verify correct patient and that the demographics are saved from the AFHCANcart to the PATH.
- Run tympanometry test:
  - Select  on PATH device.
  - Then select  for babies up to 6 months old, or  for anyone older.
  - Select proper sized ear tip and place it on the probe tip.
  - Insert probe in ear ensuring proper fit. Once a seal is obtained test will run.
  - Choose 
  - Leave  probe in ear until both tymp and reflex are complete. You will hear a tone when it is finished. Do not manually hold probe in place when possible (consider clipping/taping cord to clothing so it doesn't pull loose).
  - Repeat from D with the other ear
  - Press Stop then click Yes to save the data 
- Once all desired tests for the selected patient are   complete, return the PATH device to the home screen using back arrow
- Select the "Get Data" button on the AFHCANcart.
- Label, review and "Save" test data on the cart.
- If additional testing is needed after getting data, select "Add to Case" button and repeat from Step 1.
- Once all tests have been saved in AFHCAN, send case to the desired recipient.

#### Tympanometry Screenshots



**Calibration** is recommended once a day before the device is used.

- Turn on device
- From the Main Menu tap the Tools  Button to enter the Settings Menu
- Connect tympanometer cable with RED end to Red port on the device and the attached clear air tubing to pump outlet which is on the other side of the blue port on the device if not already connected
- Insert probe tip firmly into RED test cavity  found in accessories box
- Select "Functional Tests" then "Probe Test" from the next two screens on the device
- Test will run automatically. Results will either be green **Probe OK** or red **Probe Failed**.
- If Probe Test fails check connections to ensure they are secure and reinsert probe tip into test cavity and retry Probe Test.
- If test still fails try moving clear plastic probe tip by squeezing the top and bottom, then retest. Contact your IT support for further troubleshooting instructions.