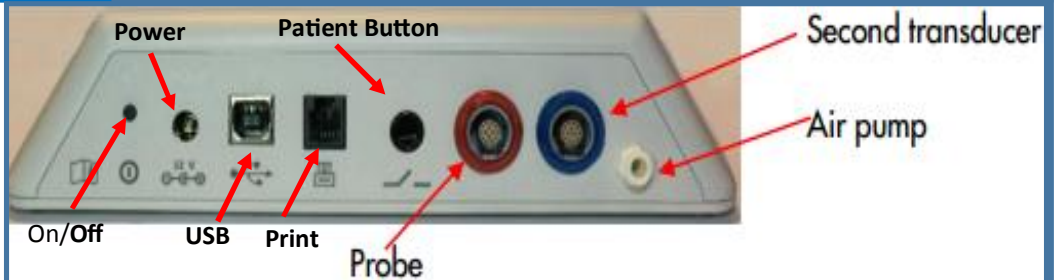


The PATH device enables a variety of audiology tests to be performed on a patient. The results can be easily saved to an AFHCAN case.

Connection Tips

- The power button and all connections are located on the top of the device
- Ensure air pump connection is secure



Disposable Components




Accessory box: contains calibration caps and other replacement components



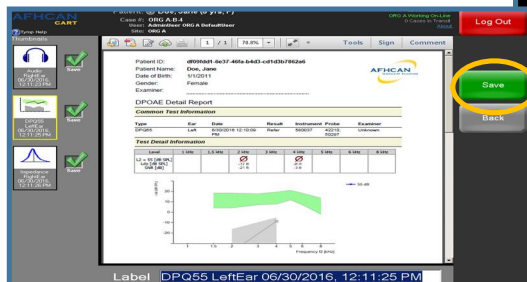
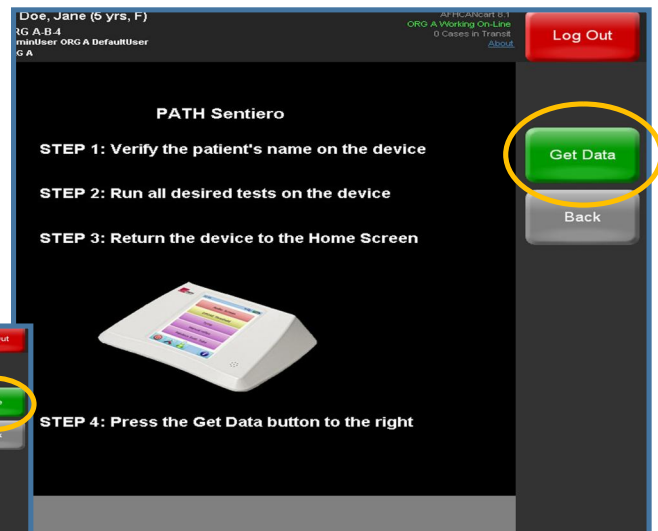
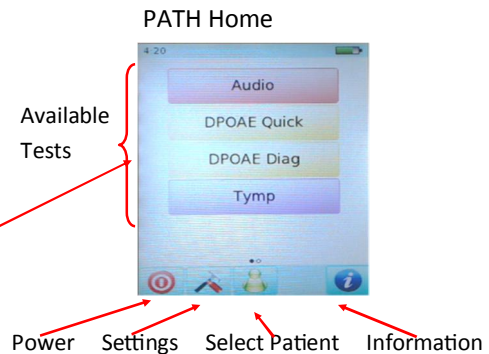
Ear Tips: both single and triple flange ear tips are available in multiple sizes

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 device, verify correct patient is displayed and that the demographics have been saved from the AFHCANcart to the PATH.
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.



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 pre-determined hearing screening test.



Audiogram / Automatic Hearing Screening

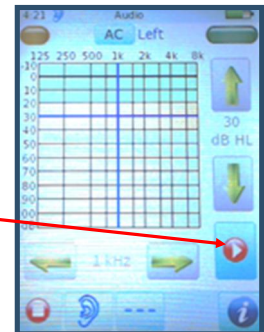
Prepare for the testing:

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



Steps 1-4 MUST be followed in order:

1. On the PATH device, verify correct patient and that the demographics are saved from the AFHCANcart to the PATH
2. Run audiogram:
 - A. Connect headset into **BLUE** port of the PATH
 - B. Insert patient response button
 - C. Place headset on patient **RED on RIGHT** ear
 - D. Ensure patient is facing away from the PATH device
 - E. Select **Audio** then **ADULT/CHLD** or **INFANT** (should still see patient demographics)
 - F. Select Left or Right   then push the play button to begin the automated test that runs through the entire audiogram.
3. Return the PATH device to the home screen
4. Once all desired tests for the selected patient are complete, 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.



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. The first is available tests. The second are the most popular tests. Swipe screen to change window.

**SECTION 2: Details on Conducting a DPOAE Quick Test
(Use Quick Test only—do not use DPOAE Diagnostic Test without specialized training.)**

Otoacoustic Emissions (OAE)

Prepare for the testing:

- If needed, calibrate device (see instructions below)
- On the AFHCANcart: log in, identify patient, create a case, select “Add to Case”, then select

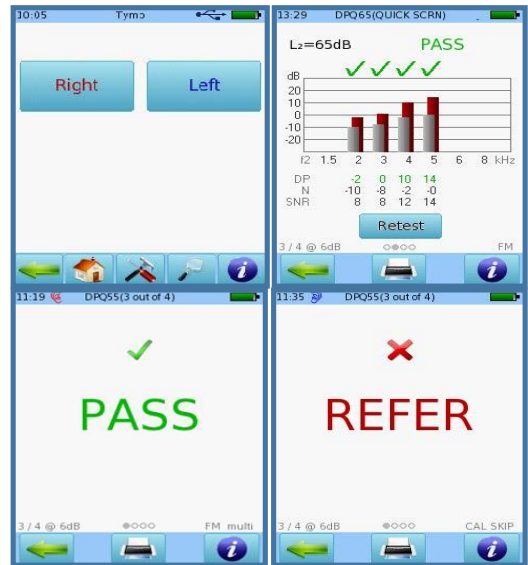


For otoacoustic emissions (OAE) tests, proper probe placement and calibration is important for a reliable outcome.

Steps 1-4 MUST be followed in order:

1. On the PATH, verify correct patient and that the demographics have been saved from the AFHCANcart to the PATH.
2. Run otoacoustic emissions (OAE) test:
 - A. Select desired DPOAE Quick, then Quick 3
 - B. Select Left or Right ear
 - C. Select proper sized ear tip and place on end of probe
 - D. Insert probe in ear ensuring proper fit
 - E. Once a seal is obtained, the test will run
 - F. Follow screen instructions to complete test
 - G. May view results on PATH device by clicking on
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.

OAE Screenshots



Calibration is only recommended after physically moving the device.

1. Turn on device
2. From the Main Menu tap the Tools Button to enter the Settings Menu
3. Connect RED tympanometer cable to Red port on the device. Connect clear air tubing to pump outlet to the right of blue port
4. Insert probe firmly into RED test cavity
5. Select “Hardware Tests” then “Probe Test”
6. Test results will either be green Probe OK or red Probe Failed.
7. If Probe Test fails, check connections to ensure they are secure and reinsert probe tip into test cavity. Retry Probe Test.
8. 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: When assessing hearing, **proper probe placement and calibration are important for a reliable outcome.**

Tympanometry Test

Prepare for the testing:

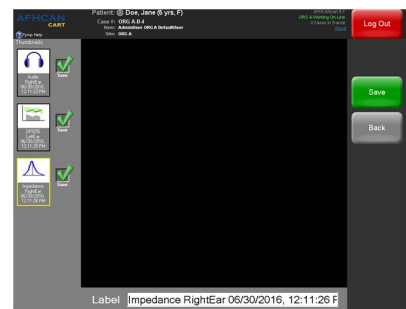
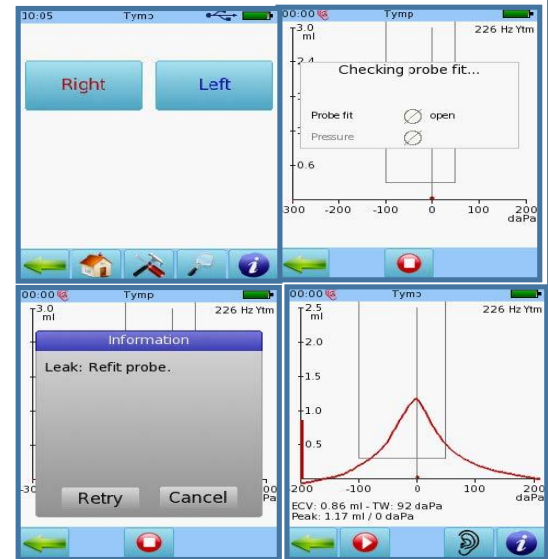
- On the AFHCANcart: log in, identify patient, create a case, select “Add to Case”, then select “Audiology” button.



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 **Tymp** on PATH device.
 - Select proper sized ear tip and place it on the probe tip.
 - Insert probe in ear ensuring proper fit. Once a seal is obtained the test will run.
 - Follow screen instructions to complete test.
- 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 only recommended after physically moving.

- Turn on device
- From the Main Menu tap the Tools Button to enter the Settings Menu
- Connect **RED** tympanometer cable to **Red** port on the device. Connect clear air tubing to pump outlet to the right of **blue** port
- Insert probe firmly into **RED** test cavity
- Select “Hardware Tests” then “Probe Test”
- Test 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.

