

## 1 ABOUT THIS QUICK GUIDE



This Quick Guide is not meant to replace the operation manual. Reading the entire operation manual prior to operating the device is mandatory!  
Some of the following functions may vary by the individual settings made.

## 2 PREPARATION FOR TESTING

**A quiet room is best for hearing screening.**

- ✓ Close the door to outside noise.
- ✓ Ask others to stop talking.
- ✓ Turn off audio on TV, radio, etc.
- ✓ Move away from acoustic noise sources (e.g., air conditioners, crying babies).

**Electromagnetic Interference Can Cause Problems During ABR Measurement.**

- ✓ Turn off nearby cell phones, tablets, computers, and monitors.
- ✓ Be aware of sources of electrical interference and avoid them if possible.

**Is the Timing Right?**

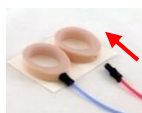
- ✓ The longer you can wait to screen a newborn, the higher the likelihood of a **Pass** result. Avoid testing before 12 hours after birth.
- ✓ Screening is most successful when the baby has just been fed and is sleeping comfortably.

**Connect Electrodes to the Lead Wires**



- ✓ Connect each of the 3 electrode lead wires to one of the disposable electrodes.

**Install the EarCup or EARTurtle**



- ✓ Connect the black adapter at the end of the red and blue insert earphone tubes into the hole in the EarCup foam until they are fully inserted.



- ✓ To use EARTurtle, replace the black adapter at the end of the red and blue insert earphone tubes with the EARTurtle adapter.
- ✓ Insert the EARTurtle adapter into the opening at the top of the EARTurtle and attach the clip of the adapters to keep them in place.

**Prepare the Baby**

- ✓ Use NuPrep to clean the baby's skin at the electrode sites (**forehead, cheek, nape of neck**) rubbing it into the skin 10-15 times.
- ✓ Wipe the NuPrep off the skin and dry the areas.

**Apply Electrodes**



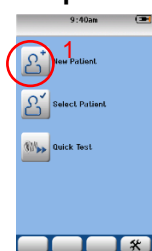
- ✓ Place the electrodes on the skin following the graphic shown on the preamplifier:
  - **White** electrode wire – **forehead**
  - **Black** electrode wire – **cheek**
  - **Yellow** electrode wire – **nape**
- ✓ Press around the entire surface of each electrode to achieve good adhesion.

**Apply EarCups**



- ✓ Place the EarCup or EARTurtle around the baby's ears. Follow this scheme:
  - The **Red** insert earphone must be placed on the **Right** ear.
  - The **Blue** insert earphone must be placed on the **Left** ear.
- ✓ Press around the entire edge of foam to achieve good adhesion all around.

**Prepare the Device**

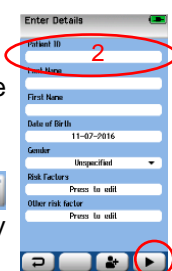


**Turn on the Device**

- ✓ Press the **Home** button on the easyScreen to turn it on.

**Enter a new patient**

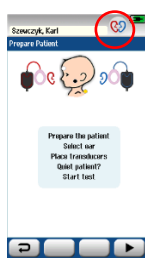
- ✓ Touch the **New Patient** button to open a data entry screen (1).



**Enter Patient Information**

- ✓ Touch the fields to enter the patient's information.
- ✓ You must enter a Patient ID to save the patient (2).
- ✓ Touch the **Test** button when the desired fields are completed (3).

## 3 BEGIN THE SCREENING



### Choose the Ear

- ✓ When the test screen displays, touch the **Ear** button until it displays the symbol for the ear you want to test.  = **Both**. **Red** = **Right**. **Blue** = **Left**. (4)

### Is the Baby Ready?

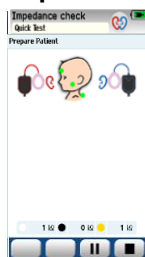
- ✓ Wait to begin the test until the baby is settled and quiet.

### Begin the Screening

- ✓ Touch the **Test** button to begin the screening.

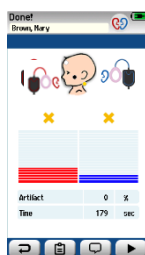
## 4 THE SCREENING PROCESS

### Impedance Check



- ✓ The contact of the electrodes to the skin (impedance) is checked.
- ✓ Colored circles on baby head graphic reflect the status.
  - **Green** = acceptable impedance
  - **Yellow** = unacceptable impedance
- ✓ If any circles are yellow, you must improve the impedance.
  - Check that the electrode is contacting the skin at the prepared site.
  - Remove the electrode and re-prepare the skin at that location; reapply the electrode.
- ✓ When the impedance is acceptable for all three electrodes, the test starts automatically.

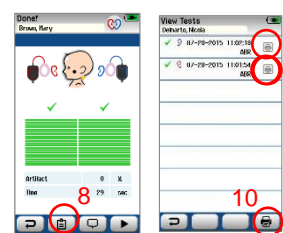
### ABR Measurement



- ✓ A vertical bar graph fills with color with progressive ABR detection.
  - The **Red** bar reflects progress of the screening for the **Right** ear.
  - The **Blue** bar reflects progress of the screening for the **Left** ear.
- ✓ Completely filled bar = **Pass**; test stops, and bar turns green with ✓ symbol
- ✓ 3 minutes elapsed with no ABR detected – **Refer**; test stops with X symbol
- ✓ Manual stop = **Incomplete ?** symbol

## 5 POST TEST OPTIONS

### Print Label



- ✓ Select the **Test list** button to view a list of tests performed for this patient (8).
- ✓ The most recent test for the left and right ear is pre-selected (checked) for printing. But it can be deselected, and others chosen by touching the printer icon in the test row (9).
- ✓ After selecting the tests you want to print, select the **Print** button (be sure the printer is powered on) (10).

### Return Home and Transfer to HearSIM

- ✓ Press the **Home** button to return to the **Home** screen to begin the process for a new patient.
- ✓ Connect the easyScreen to your PC and launch the HearSIM application to transfer the patient and test data for permanent storage. Refer to the HearSIM operation manual for more information.