

**Coalition for Global Hearing Health Conference
Chennai India
9 October 2026**

**WORKSHOP
Evidence-Based Objective Assessment of Infant Hearing:
Frequency-Specific ABR and More**

CHECKLIST FOR HANDS-ON ABR ACTIVITIES

Air Conduction Click-Evoked ABR Measurement

*Please confirm that you performed the following tasks satisfactorily
by marking YES or NO for the following.*

	YES	NO
1. Explain the purpose and process of the test to the patient.....	☐	☐
2. Prepare scalp, attach electrodes, insert earphones.....	☐	☐
3. Check electrode impedance and reapply as needed.....	☐	☐
4. Create appropriate click ABR protocol... ..	☐	☐
5. Estimate behavioral threshold for click stimulus	☐	☐
6. Describe "0 dB nHL" for click stimulus	☐	☐
7. Perform high intensity click evoked ABR with replication	☐	☐
8. Repeat click evoked ABR with condensation polarity	☐	☐
9. Verify ABR reliability with each stimulus polarity	☐	☐
10. Analyze ABR latency and amplitude	☐	☐
11. Assess ABR symmetry	☐	☐
12. Compare ABR latency and amplitude RE: normative data.....	☐	☐
13. Describe click-evoked ABR outcome	☐	☐

WORKSHOP
Evidence-Based Objective Assessment of Infant Hearing:
Frequency-Specific ABR and More

CHECKLIST FOR HANDS-ON ABR ACTIVITIES

Bone Conduction Click-Evoked ABR Measurement

Please confirm that you performed the following tasks satisfactorily by marking YES or NO for the following.

	YES	NO
1. Create appropriate bone conduction click ABR protocol.....	☐	☐
2. Explain the purpose and process of the test to the patient.....	☐	☐
3. Prepare scalp, attach electrodes, place bone oscillator	☐	☐
4. Check electrode impedance and reapply as needed	☐	☐
5. Estimate behavioral threshold for bone conduction stimulus.....	☐	☐
6. Describe "0 dB nHL" for bone conduction click stimulus	☐	☐
7. Perform high intensity bone conduction ABR with replication ...	☐	☐
8. Identify ABR wave V with bone conduction click (1 ear)	☐	☐
9. Identify ABR wave I with bone conduction click (1 ear)	☐	☐
10. Estimate behavioral threshold for bone conduction click (1 ear)	☐	☐
11. Analyze bone conduction ABR latency	☐	☐
12. Compare air versus bone conduction ABR findings	☐	☐
13. Describe air versus bone conduction ABR outcome.....	☐	☐

COMMENTS:

WORKSHOP
Evidence-Based Objective Assessment of Infant Hearing:
Frequency-Specific ABR and More

CHECKLIST FOR HANDS-ON ABR ACTIVITIES

Frequency Specific (Conventional Tone Burst) ABR Measurement

Assumption: All electrodes are in place from click ABR recording

***Please confirm that you performed the following tasks satisfactorily
by marking YES or NO for the following***

	YES	NO
1. Create tone burst ABR protocol for 4000 Hz	☐	☐
2. Create tone burst ABR protocol for 500 Hz.....	☐	☐
3. Estimate behavioral threshold for 4000 Hz tone burst	☐	☐
4. Estimate behavioral threshold for 500 Hz tone burst.....	☐	☐
5. Describe "0 dB nHL" for 4000 Hz and 500 Hz chirps.....	☐	☐
6. Find ABR threshold for 4000 Hz tone burst	☐	☐
7. Find ABR threshold for 500 Hz tone burst	☐	☐
8. Describe frequency specific ABR findings	☐	☐

COMMENTS:

WORKSHOP
Evidence-Based Objective Assessment of Infant Hearing:
Frequency-Specific ABR and More

CHECKLIST FOR HANDS-ON ABR ACTIVITIES

Narrowband Chirp ABR Measurement

Assumption: All electrodes are in place from click ABR recording

***Please confirm that you performed the following tasks satisfactorily
by marking YES or NO for the following***

	YES	NO
1. Create narrowband chirp ABR protocol for 1000 Hz	☐	☐
2. Create narrowband chirp ABR protocol for 500 Hz.....	☐	☐
3. Describe "0 dB nHL" for 1000 Hz and 500 Hz chirps.....	☐	☐
4. Find ABR threshold for 1000 Hz chirp	☐	☐
5. Find ABR threshold for 500 Hz chirp	☐	☐
6. Estimate behavioral threshold for 1000 Hz chirp	☐	☐
7. Estimate behavioral threshold for 500 Hz chirp	☐	☐
8. Describe frequency specific ABR findings	☐	☐

COMMENTS: