

Pure Tone Screening Skills Checklist



✓ Set-up

- Appropriate, quiet environment selected.
- Sound-level check completed to ensure noise level under 50 dB.
- Documentation forms, pen, screening toys, and supplies to comply with universal precautions policy placed within easy reach.
- Equipment and seating arranged so child will not view screener's hands directly, or via reflective surfaces, during screening.
- Condition of cords, jacks, and headphones inspected during equipment assembly.
- Headphones cleaned prior to Self-Listening Check and each child's screening process.

✓ Self-Listening Check of Equipment

Headphones placed over screener's ears and tone intensity set to 10 – 20 dB:

- Tone type set to pulse, warble, or frequency modulated and tones presented to Right ear while clarity of sound checked at 2000, 1000 and 4000 Hz. Sequence repeated for Left ear.
- Tone type set to steady state, tone presented continuously to Right ear while cords moved/manipulated to check for sound break, crackle or distortions. Repeated for Left ear.

✓ Child Preparation and Appraisal

- Outer ear and ear canal inspected visually.
- As playful, positive rapport established with child, appraisal made of developmental level to determine how to initiate Conditioning (with/without headphones, use of toys, etc.)
- Individual(s) in the room instructed to minimize noise/distraction.

✓ Conditioning

- Facing child, clear explanation provided throughout process.
- Clean headphones placed snugly (Right ear/red, Left ear/blue).
- Audiometer set to Right ear, 2000 Hz, 60 dB level—tone presented while child's hand manipulated to make desired response—sequence repeated until child understands "game."
- Tone presented with child making desired response without assistance—sequence repeated at 60 dB, then 40 dB, varying time between presentations to assess reliability of responses.
- Determination made of whether child can complete Pure Tone screening or is unable to respond consistently and will require an OAE screening instead.

✓ Screening and Documentation

- Child repositioned so he/she cannot see screener.

Right ear:

- Audiometer set to Right ear, 2000 Hz, reminder reference tone provided at 60 dB to check that child is attentive/responsive.
- Audiometer set to 2000 Hz, 20 dB screening tones presented.
- Audiometer set to 4000 Hz, 20 dB screening tones presented.
- Audiometer set to 1000 Hz, 20 dB screening tones presented.

Left ear:

- Audiometer set to Left ear, 2000Hz, reminder reference tone provided at 60 dB to check that child is attentive/responsive.
- Audiometer set to 2000 Hz, 20 dB screening tones presented.
- Audiometer set to 4000 Hz, 20 dB screening tones presented.
- Audiometer set to 1000 Hz, 20 dB screening tones presented.
- Overall Right and Left ear results documented.
- Overall outcome determined and follow-up step(s) identified.
- Child rewarded for participation regardless of outcome.

Maximum of 4 presentations per Hz level;
2 responses = Hz pass

Responses documented on **Screening Form:**

- ✓ **Response** or
- **Non-response**

2 ✓ Responses at each Hz level required for Overall Ear Pass

If either ear does **Not Pass** follow-up required