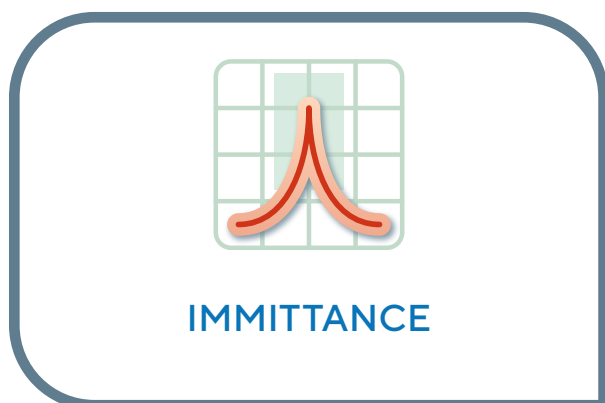


Pass/Fail Criteria for Late Onset Hearing Loss (LOHL) Hearing Screening Components



Pass all children **except** those with drainage from or a foreign object in their outer ear canal.

The presence of pressure equalization (PE) tubes and/or wax is not a fail.



EAR CANAL VOLUME (ECV) ACCEPTABLE VALUES BY AGE:



A

9–24 months: less than 0.8 cm³

2–6 years: less than 1.0 cm³

6 years and older: 0.4 to 1.5 cm³

Typically, the smaller the physical size of the child, the smaller the ECV.

Typically, the left and right ears will have similar ECV values. If they are not similar, ask “why?” (e.g. PE tube, perforated tympanic membrane).

TYMPANIC MEMBRANE COMPLIANCE (TMC):



B

Passing Criteria:

PEAK greater than 0.2 cm³

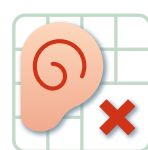
PEAK of 0.1 cm³ with an acoustic reflex (AR) present is a **pass**

Failing Criteria:

PEAK of 0.1 cm³ with no AR present is a **fail**

0.0 cm³

NP (No Pressure)

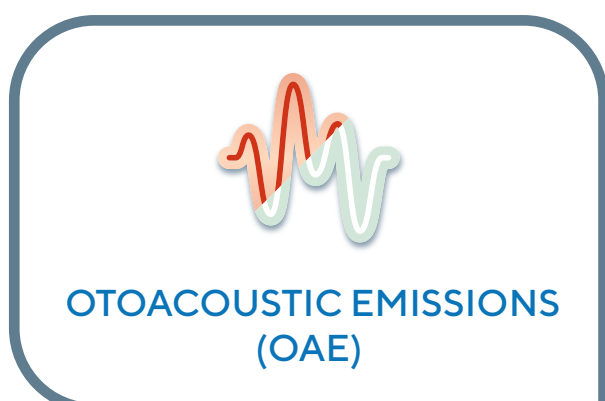


MIDDLE EAR PRESSURE (MEP):



C

Passing range: -250 to +100 daPa



If the OAE screening equipment does not specifically show that the child passed bilaterally, it is a failed OAE screening.

Incomplete screenings (e.g. malfunctioning equipment, poor screening technique, uncooperative child) are all **fails**.



A child must respond to all tones (1000, 2000, and 4000 Hz at 20 dB) in all ears to **pass**.

If a child is unresponsive to one or more tones in one or both ears, it is a **fail**.