Neonatal Hearing Screening Test
Consistent with loss in one or both ears within frequency range important for speech recognition

Confirm Hearing Loss

Comprehensive Hearing Loss Team Evaluation
Personal medical history
Comprehensive physical examination
Personal medical history
Otology
Audiology
Genetic evaluation including family history and evaluation for syndromic features.

If syndromal disorder is suspected:
Gene specific mutation screening

If familial and nonsyndromal is suspected, consider:
GJB2 testing
GJB6 testing
CMV testing
Environmental etiologies
Gene specific screening may be warranted

If nonsyndromal and mitochondrial inheritance is suspected:
Test for A1555G mutation

Negative
No further action

Hearing Loss Confirmed

Normal

Abbreviations/Key
CMV = Cytomegalovirus
GJB2 = Connexin 26
GJB6 = Connexin 30

Actions are shown in shaded boxes; results are in the unshaded boxes.

Disclaimer: This guideline is designed primarily as an educational resource for clinicians to help them provide quality medical care. It should not be considered inclusive of all proper procedures and tests or exclusive of other procedures and tests that are reasonably directed to obtaining the same results. Adherence to this guideline does not necessarily ensure a successful medical outcome. In determining the propriety of any specific procedure or test, the clinician should apply his or her own professional judgment to the specific clinical circumstances presented by the individual patient or specimen. Clinicians are encouraged to document the reasons for the use of a particular procedure or test, whether or not it is in conformance with this guideline. Clinicians are also advised to take notice of the date this guideline was adopted, and to consider other medical and scientific information that become available after that date.