Hearing Loss

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

Confirm Hearing Loss

Hearing Loss Confirmed

Comprehensive Hearing Loss Team Evaluation
Personal medical history
Comprehensive physical examination
Personal medical history
Otolaryngology
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
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

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

Disclaimer: These standards and guidelines are designed primarily as an educational resource for physicians to help them provide quality clinical services. Adherence to these standards and guidelines does not necessarily ensure a successful medical outcome. These standards and guidelines 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. In determining the propriety of any specific procedure or test, the healthcare provider should apply his or her own professional judgment to the specific clinical circumstances presented by the individual patient or specimen. It may be prudent, however, to document in the patient record the rationale for any significant deviation from these standards and guidelines.

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