**Table I. Risk Indicators for Progressive or Delayed-Onset Hearing Loss**

(For Use with Neonates and Infants Through 2 Years of Age)

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| --- |
| **Family history of permanent childhood hearing loss** |
| * Mother of child
 | * Grandmother of child
 | * 1st cousin of child
 |
| * Father of child
 | * Grandfather of child
 | * More than one relative of the same parent
 |
| * Sister of child
 | * Aunt of child
 |  |
| * Brother of child
 | * Uncle of child
 |  |
|  |
| **Stigmata or other findings associated with a syndrome known to include a sensorineural or conductive hearing loss or Eustachian tube dysfunction** |
| * Branchio-oto-renal (BOR)
 | * Stickler
 | * Trisomy 21 – Down syndrome
 |
| * Noonan
 | * Williams
 | * Trisomy 18 – Edwards syndrome
 |
| * CHARGE association
 | * Zellweger
 | * Trisomy 13 – Patau syndrome
 |
| * Pierre Robin
 | * Goldenhar (oculo-auriculo-vertebral or OAV)
 |  |
| * Rubenstein-Taybi
 | * Trisomy 8 (Warkany Syndrome) or Trisomy 9 (Mosaic Syndrome)
 |  |
|  |
| **Postnatal infections associated with sensorineural hearing loss** |
| * Confirmed bacterial meningitis
 | * Confirmed viral meningitis
 |  |
| **In utero infections** |
| * Cytomegalovirus
 | * Rubella
 | * Toxoplasmosis
 |
| * Herpes
 | * Syphilis
 |  |
|  |
| **Neonatal indicators** |
| * Intensive care greater than (>) 5 days
 | * Exposure to ototoxic medications: at risk aminoglycoside exposure
 | * Hyperbilirubinemia requiring exchange transfusion
 |
| * Extracorporeal membrane oxygenation (ECMO)
 | * Mechanical ventilation
 |  |
|  |
| **Syndromes associated with progressive hearing loss** |
| * Neurofibromatosis
 | * Jervell & Lange-Nielson
 | * Usher
 |
| * Osteopetrosis
 | * Waardenburg
 |  |
| * Alport
 | * Pendred
 |  |
|  |
| **Neurodegenerative disorders, such as** |
| * Hunter syndrome
 | * Charcot-Marie-Tooth syndrome
 | * Friedreich’s ataxia
 |
|  |
| **Head trauma requiring hospitalization** |
| * Basal skull/temporal bone fracture
 | Other – specify if chosen |  |
|  |
| **Parental or caregiver concern regarding hearing, speech, language, and or developmental delay**  |
|  |
| **Craniofacial Anomalies** |
| * Pinna
 | * Atresia
 | * Choanal atresia
 |
| * Cleft palate
 | * Microtia
 | * Temporal bone anomalies
 |
| **Chemotherapy** |

Based on *Year 2007 Position Statement: Principles and Guidelines for Early Hearing Detection and Intervention Programs, Joint Committee on Infant Hearing.*