NATIONAL CENTER ON DEAF-BLINDNESS

Risk List for Combined Vision and Hearing Loss in Infants and Toddlers
Associated Etiologies with Corresponding ICD-10 Codes

This list has been developed for use by Part C Service Coordinators in identifying children who are eligible for referral to their state's deaf-blind project. When one or more of the conditions in the tables below are present in infants and toddlers who have been determined eligible for Part C services, or who are being evaluated for eligibility, it is important that Service Coordinators work closely with families, early intervention providers and medical professionals to obtain accurate vision and hearing evaluations. These evaluations should include functional vision and hearing assessments in addition to medical assessments.

Referring a child birth through two years of age to the state deaf-blind project begins the process of determining whether the child is considered deaf-blind. It is important to remember that "deaf-blindness" encompasses a wide diversity of children and conditions. The term describes any combination of vision and hearing loss that negatively impacts a child's ability to access environmental information, communicate and interact with others. Only a small percentage of children considered deaf-blind are totally deaf and blind. Most have varying degrees of residual vision and hearing and over 90% have additional disabilities.

Referral to a state deaf-blind project allows for children who qualify as deaf-blind to be counted in an annual National Child Count that is shared with Project Directors from the Office of Special Education (OSEP) Technical Assistance & Dissemination Network. Referral also qualifies early intervention providers and families to receive a variety of technical assistance services, including print and web resources, family support and consultation with experts on effective early intervention practices for children birth through two who have conditions that affect both hearing and vision.

Please review this list carefully to identify children who may have both vision and hearing loss. For additional information please contact:

The New York DeafBlind Collaborative
Queens College, JH 206
65-30 Kissena Blvd, Queens, NY 11367-1597
https://nydeafblind.org

TA&D NETWORK

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IDEAs that Work
Office of Special Education Programs
U.S. Department of Education

This resource was developed by a collaborative Early Identification & Referral Work Group. Thank you to Diane Haynes (KY Services for Children and Youth Who Are Deaf-Blind), Ruth Ann King (WV SenseAbilities), Sam Morgan (NY Deaf-Blind Collaborative), Gail Olson (IL Hearing/Vision Early Intervention Outreach), Karen Windy (IL Project Reach), and Mark Schalock (NCDB). With special appreciation to Kentucky CHFS OATS MSMP ICD-10 Project Manager.

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Risk List for Combined Vision and Hearing Loss in Infants and Toddlers
Etiologies Associated with Combined Vision and Hearing Loss

Section A: Diagnoses Associated with Sensory Loss

These tables include ICD-10-CM Codes, which are scheduled to replace ICD-9-CM in the United States in October 2015. Until then ICD-10-CM codes should only be used for training or planning purposes. Tables with ICD-9-CM codes can be found at https://nationaldb.org/materials/page/1966/8

Dual Sensory Impairment			
This code indicates that both vision and hearing or absent or affected, which would qualify a child as deaf-blind. Immediate referral to your state's deaf-blind project is recommended to ensure appropriate intervention strategies and family support.			
ICD Code			
Z73.82	Dual Sensory Impairment		
Blindness/Vision Impairment		**Deafness/Hearing Loss**	
ICD Code		**ICD Code**	
H54.0	Blindness (acquired) (congenital) (both eyes)	H91.9	Deafness (acquired) (complete) (hereditary) (partial)
H54.3	Vision Impairment or Vision Loss (both eyes)	H90.2	Deafness – conductive
H54.8	Legal blindness (both eyes) (USA definition)	H90.5	Deafness – congenital or sensorineural
H47.619	Cortical blindness (also known as cortical visual impairment)	H90.8	Deafness – mixed conductive and sensorineural
H35.10	Retinopathy of prematurity	H90.5	Hearing Loss or Hearing Impairment – congenital or sensorineural
H53.003	Amblyopia (bilateral((both eyes)		
E70.3	Albinism		

Section B: Hereditary/Chromosomal Syndromes and Disorders

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Presence of a listed etiology does not automatically qualify a child as deaf-blind; rather it indicates further evaluation to determine whether a combined vision and hearing loss exists. Immediate referral to your state's deaf-blind project can help make that determination.

(Column 1 = NCDB National Child Count Code, Column 2 = Corresponding ICD-10 Code)

Code	ICD Code	Primary Identified Etiology
101	Q04.0	Aicardi syndrome
102	Q87.81	Alport syndrome
103	Q87.8	Alstrom syndrome
104	Q87.0	Apert syndrome (Acrocephalosyndactyly, Type 1)
105	Q87.89	Bardet-Biedl syndrome (Laurence Moon-Biedl)
106	E75.4	Batten disease
107	Q89.8	CHARGE Syndrome
108	Q93.2	Chromosome 18, Ring 18
109	Q87.1	Cockayne syndrome
110	H16.32	Cogan Syndrome
111	Q87.1	Cornelia de Lange
112	Q93.4	Cri du chat syndrome (Chromosome 5p- syndrome)
113	E80.5	Crigler-Najjar syndrome
114	Q75.1	Crouzon syndrome (Craniofacial Dysotosis
115	Q03.1	Dandy Walker syndrome
116	Q90.9	Down syndrome (Trisomy 21 syndrome)
117	Q87.0.	Goldenhar syndrome
118	C96.5	Hand-Schuller-Christian (Histiocytosis X
119	H35.5	Hallgren syndrome
120	B02	Herpes-Zoster (or Hunt)
121	E76.1	Hunter Syndrome (MPS II)
122	E76.01	Hurler syndrome (MPS I-H
123	H49.81	Kearns-Sayre syndrome
124	Q76.1	Klippel-Feil sequence
125	Q87.2	Klippel-Trenaunay-Weber syndrome
126	Q77.8	Kniest Dysplasia
127	H35.50	Leber congenital amaurosis
128	G31.82	Leigh Disease
129	Q87.40	Marfan syndrome

(Column 1 = NCDB National Child Count Code, Column 2 = Corresponding ICD-10 Code)

Code	ICD Code	Primary Identified Etiology
130	Q87.0	Marshall syndrome
131	E76.29	Maroteaux-Lamy syndrome (MPS VI)
132	Q87.0	Moebius syndrome
133	Q93.0	Monosomy 10p
134	E76.219	Morquio syndrome (MPS IV-B)(
135	Q85.01	NF1 - Neurofibromatosis (von Recklinghausen disease)
136	Q85.02	NF2 - Bilateral Acoustic Neurofibromatosis
137	H35.5	Norrie disease
138	G25.9	Optico-Cochleo-Dentate Degeneration
139	Q87.0	Pfieffer syndrome
140	Q87.1	Prader-Willi
141	Q87.0	Pierre-Robin syndrome
142	G60.1	Refsum syndrome
143	E76.03	Scheie syndrome (MPS I-S)
144	E78.72	Smith-Lemli-Opitz (SLO) syndrome
145	Q8709	Stickler syndrome)
146	Q85.8	Sturge-Weber syndrome
147	Q75.4	Treacher Collins syndrome
148	Q91.7	Trisomy 13 (Trisomy 13-15, Patau syndrome)
149	Q91.3	Trisomy 18 (Edwards syndrome)
150	Q96.9	Turner syndrome
151	H35.5	Usher I syndrome
152	H35.5	Usher II syndrome
153	H35.5	Usher III syndrome
154	H20.829	Vogt-Koyanagi-Harada syndrome
155	E70.3	Waardenburg syndrome
156	Q75.4	Wildervanck syndrome
157	Q93.3	Wolf-Hirschhorn syndrome (Trisomy 4p)
199		*Other* _____

Section C: Pre-Natal Complications, Post-Natal Complications and Complications of Prematurity

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Pre-Natal/Congenital Complications (Column 1 = NCDB National Child Count Code, Column 2 = Corresponding ICD-10 Code)			**Post-Natal/Non-Congenital Complications** (Column 1 = NCDB National Child Count Code, Column 2 = Corresponding ICD-10 Code)		
Presence of a listed etiology does not automatically qualify a child as deaf-blind; rather it indicates further evaluation to determine whether a combined vision and hearing loss exists. Immediate referral to your state's deaf-blind project can help make that determination.					
Code	**ICD Code**	**Primary Identified Etiology**	**Code**	**ICD Code**	**Etiology**
201	P35.0	Congenital Rubella	301	R09.01	Asphyxia
202	A50	Congenital Syphilis	302	H93.19	Direct Trauma to the eye and/or ear
203	P37.1	Congenital Toxoplasmosis	303	G04.81	Encephalitis
204	B25.9	Cytomegalovirus (CMV)	304	P00.2	Infections
205	Q86.0	Fetal Alcohol syndrome	305	G03.9	Meningitis
206	G91.9	Hydrocephaly	306	S09.8XXA	Severe Head Injury
207	P04.49	Maternal Drug Use	307	O99.43	Stroke
208	Q02	Microcephaly	308	O48.0	Tumors
209	P35.2	Neonatal Herpes Simplex (HSV)	309	E09.22	Chemically Induced
299	O99	Other____	399	O99	Other _____
Related to Prematurity					
Code	ICD Code		**Code**	**ICD Code**	
401	O60.10X0	Complications of Prematurity		H35.10	Retinopathy of prematurity (any stage)

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