

the **NCHAM A Resource Guide** for Early Hearing Detection & Intervention (EF

To ensure all infants & toddlers with hearing loss are identified as early as possible & provided with timely & appropriate audiological, educational, & medical intervention.



eBook Acknowledgements

e are delighted to welcome you to the 10th edition of the eBook. This publication has become the "go-to" reference for those interested in many aspects of Early Hearing Detection and Intervention (EHDI). Our authors have presented interesting and authoritative information tailored to the needs of our target audience—those interested in learning more about the wonderfully diverse world of EHDI. Chapters are regularly revised to provide the most up-to-date information possible and new chapters are added as EHDI evolves. We are deeply appreciative for the expertise and experience our authors share in their material for the eBook!

I would be remiss in not mentioning the incredible support we have received from Karl White and the staff at NCHAM, as well as the outstanding work of our graphic artist Deb Risk.

We would like to know what you like about the eBook, as well as any suggestions for improvement or additional topics to be included. Your feedback regarding this publication will help us make the 2021 edition even better. Many of the chapters in this year's edition are the result of feedback we have received.

Les R. Schmeltz, AuD, Editor

NOTE: Development of this eBook was supported in part by the Maternal and Child Health Bureau under Grant Number U52MC043916.

what you like about the eBook, as well as any suggestions for improvement or additional topics to be included. Your feedback regarding this publication will help us make the 2021 edition even better.

We would like to know





the **NC**

0



Section 1-1 to 1-32	Chapter 1 • The Evolution of EHDI: From Concept to Standard of Care Karl R. White, PhD
Section 2-1 to 2-14	Chapter 2 • Newborn Hearing Screening Randi Winston-Gerson, AuD, CCC-A; & Karen M. Ditty, AuD
Section 3-1 to 3-18	Chapter 3 • Tracking, Reporting, & Follow-Up Randi Winston-Gerson, AuD, CCC-A; & Jeff Hoffman, MS, CCC-A
Section 4-1 to 4-14	Chapter 4 • Utilizing Public Health Partners: Opportunities for Integrating & Improving State EHDI Programs Nicole Brown, MSN, PHN, CPNP; Nicole Brys, MPH; & Kirsten R. Coverstone, AuD
Section 5-1 to 5-16	Chapter 5 • Audiology 101: An Introduction to Audiology for Nonaudiologists Terry Foust, AuD, FAAA, CCC-SLP/A; & Jeff Hoffman, MS, CCC-A
Section 6-1 to 6-6	Chapter 6 • Children Who Are Deaf or Hard of Hearing PLUS Susan Wiley, PhD; Rachel St. John, MD, FAAP; Candace Lindow-Davies
Section 7-1 to 7-14	Chapter 7 • Hearing Loss & Vestibular Dysfunction: A Common Comorbidity Violette Lavender, AuD; Gretchen Mueller, DPT; Michael Castiglione, AuD; & Katheryn Bachmann, PhD

NATIONAL CENTER FOR HEARING ASSESSMENT & MANAGEMENT

NCHAM GOAL: To ensure all infants and toddlers with hearing loss are identified as early as possible and provided with timely and appropriate audiological educational, and medical intervention.

Section 8-1 to 8-6	Chapter 8 • Medical Home & EHDI: The Importance of Appropriate & Timely Screening, Diagnosis, Management, & Follow-Up American Academy of Pediatrics EHDI Experts & Staff
Section 9-1 to 9-10	Chapter 9 • Early Childhood Hearing Screening: Not Just for Newborns Lenore Shisler, MS; & William Eiserman, PhD
Section 10-1 to 10-8	Chapter 10 • Parent Counseling in the Information Age: The Rules & Roles Have Changed Les R. Schmeltz, AuD
Section 11-1 to 11-8	Chapter 11 • Empowering Parents & Providers to Talk About Testing Children Who Are Deaf & Hard of Hearing Lauren Smith, MEd; & Kaytie E. Cook-Ward, MEd
Section 12-1 to 12-14	Chapter 12 • Audiologists Connecting Families to the EHDI Process Karen M. Ditty, AuD
Section 13-1 to 13-16	Chapter 13 • Digital & Social Media: Using New Tools to Support the EHDI System K. Todd Houston, PhD, CCC-SP, LSLS Cert AVT
Section 14-1 to 14-14	Chapter 14 • Amplification & Hearing Assistive Devices (HAT) Tricia Dabrowski, AuD
Section 15-1 to 15-30	Chapter 15 • Cochlear Implants for Children Who Are Deaf or Hard of Hearing K. Todd Houston, PhD, CCC-SLP, LSLS Cert AVT; Tamala S. Bradham, PhD, CCC-A; & Holly F. B. Teagle, AuD, CCC-A
Section 16-1 to 16-12	Chapter 16 • Making the World Accessible for Children Who Are Deaf or Hard of Hearing Through Technology Jim House & Barbara Raimondo

A RESOURCE GUIDE FOR EARLY HEARING DETECTION & INTERVENTION



Section 17-1 to 17-12	Chapter 17 • Family Support & Cultural Competence Janet DesGeorges & Terri Patterson
Section 18-1 to 18-16	Chapter 18 • Early Intervention for Children Birth to 3: Families, Communities, & Communication Marilyn Sass-Lehrer, PhD
Section 19-1 to 19-14	Chapter 19 • Deaf Professionals & Community Involvement with Early Education Jodee Crace, MA ; & Julie Rems-Smario; & Gloria Nathanson, AuD
Section 20-1 to 20-22	Chapter 20 • Using Telepractice to Improve Outcomes for Children Who Are Deaf or Hard of Hearing & Their Families K. Todd Houston, PhD, CCC-SLP, LSLS Cert AVT
Section 21-1 to 21-12	Chapter 21 • Language Acquisition for the Bilingual Child: A Perspective on Raising Bilingual Children in the U.S. Lucia Quiñonez Summer, MA
Section 22-1 to 22-16	Chapter 22 • Secrets for Deaf & Hearing Sibling Success: Giving Them an Early Start for a Lifetime Together Lisa Jacobs, M.Ed; & Sheila Jacobs, LMFT
Section 23-1 to 23-20	Chapter 23 • Closing the Gap When Working with Spanish-Speaking Populations Lucia Quiñonez Summer, MA
Section 24-1 to 24-6	Chapter 24 • The Role of Educational Audiologists in the EHDI Process Michael Macione, AuD; Cheryl DeConde Johnson, EdD; & Stephanie Sanders, AuD
Section 25-1 to 25-10	Chapter 25 • The Foundational Role of Advocacy in the Early Intervention & Education Systems Janet DesGeorges & Cheryl DeConde Johnson, EdD
Section 26-1 to 26-12	Chapter 26 • Bringing It All Together Faye P. McCollister, EdD, CCC-A

NATIONAL CENTER FOR HEARING ASSESSMENT & MANAGEMENT

Section 27-1 to 27-10	Chapter 27 • Quality Improvement: Small Changes That Can Make a Big Difference Alyson Ward, MS, IA, CHES; & Amanda Norton, MSW
Section 28-1 to 28-14	Chapter 28: Designing & Implementing a Qualitative Research Study: The Vermont Early Hearing Detection & Intervention Example Linda Hazard, EdD, CCC-A
Section 29-1 to 29-14	Chapter 29 • Marketing EHDI Carrie Balian; & Rachel St. John, MD, FAAP
Section 30-1 to 30-20	Meet the Editor & Authors



A RESOURCE GUIDE FOR EARLY HEARING DETECTION & INTERVENTION