

CHAPTER 8

Resources

- HOPE
- Cochlear materials
- National organizations
- Other materials

Cochlear Americas HOPE Program

Cochlear Americas' HOPE (Habilitation Outreach for Professionals in Education) program was created to assist the growing number of children with cochlear implants who are entering mainstream schools. A recent Cochlear survey of parents indicated that 64% of children with cochlear implants (7 to 13 years of age) were attending mainstream schools. Since implant intervention is still relatively new, parents and educators are still learning about the capabilities and requirements of these children.

Working in conjunction with experts in cochlear implantation, language development and education, Cochlear assembled a comprehensive collection of products and services to assist educational personnel in addressing the unique needs of these children. The following services are available:

HOPE online seminars for educational professionals

HOPE online events are free, one-hour educational opportunities that offer Continuing Education credits. Instructors are experts from around the country who work with pediatric cochlear implant recipients. The seminars are provided through Audiology Online, which is an easy-to-use virtual workshop with live audio and video. Attendees include teachers of the deaf and regular classroom teachers; speech pathologists; educational, cochlear implant and general audiologists; early interventionists; administrators; and other school-based professionals who assist children with cochlear implants. Wide-ranging topics are addressed such as serving a child with multiple disabilities, vocabulary development, measuring performance, and therapy for the child who has bilateral cochlear implants.

For those unable to attend on the day of the seminar, sessions are recorded and can be accessed at a time that is convenient to the attendee. For more information or to register, visit www.cochlear.com/HOPE. HOPE seminars are offered year-round.

One-day training workshops for early intervention and educational professionals

The Cochlear Americas HOPE program offers one-day training workshops on topics of interest to early intervention and educational professionals who work with children with hearing loss and their families. These educational courses highlight how to maximize a child's outcomes. Workshops may be appropriate for parents though the content is intended for a professional audience. Workshops are organized in various locations around the country and offer Continuing Education credits.

Topics recently offered include:

- Facilitating spoken language development
- Addressing the listening needs of children with hearing loss
- Listening for language learning and literacy
- Advanced topics on implantable hearing technology

Materials from Cochlear Americas



Listen learn and talk

- Resource for parents and professionals to assist in the development of spoken language through listening
- Practical Guidebook and DVD organized by age groups:
 - Babies Babble, 0-15 months
 - Toddler Talk, 16-30 months
 - Children Chatter, 31 months to school age
- Available for \$145 on the Cochlear website (www.cochlear.com) or through customer service (800.523.5798)

Start listening: A guide to pediatric rehabilitation

- Strategies for listening
- Auditory learning hierarchy (awareness and vocal play)
- Integration of listening, language and cognition
- Included "Getting started – for parents"
- CD, free from Cochlear Americas

Getting started: Practical tips for parents

- Booklet companion to the above *Getting Started DVD*
- Q&A format provides practical tips to help parents encourage language development in their child
- Free from Cochlear

Nucleus hear we go!

- Software program to aid the therapist in developing customized materials for teens:
 - 24 topics of interest
 - 3 auditory skill levels
 - Extra support information
- Produces customized rehabilitation workbook for the user
- Available for \$25 on the www.cochlear.com or through customer service



Sound and Beyond™

- DVD suitable for teens to improve listening skills
- Self-paced interactive software program that includes:
 - 8 listening skills/modules
 - Multiple skill levels within each module
 - Messages to guide progress to the next level
 - Over 10,000 sounds, words and sentences
 - Reports to monitor progress or share with therapist
- Available for \$290 at www.cochlear.com or through customer service



Troubleshooting kits for educators

- Designed for those who work with Nucleus children in educational settings
- Purpose is to keep a child on the air if something small goes wrong at school
- Does not replace daily parental checks and regular mapping at the clinic
- Each kit contains a troubleshooting guide and spare components for a specific cochlear implant system
- Prices vary by system (i.e, Nucleus Freedom BTE or body worn, Nucleus 24 SPrint body worn, Nucleus 22 ESPrin 3G BTE)
- Available through customer service

Cochlear implant resource guide: Meeting children's needs at school

- Designed for individuals who regularly work with children with cochlear implants in educational settings
- Includes materials relating to children's school needs
- Intent is for the experienced professional to share materials, as appropriate, with classroom teachers and others with less experience
- Loose-leaf notebook of brief checklists and guides organized by topic such as evaluation, immediately following implantation, audiology, considerations at school
- Available for \$50 on the Cochlear website or through customer service

HOPE Notes

- 12 topics we often get inquiries about
- Crystallizes key issues and highlights questions to ask
- Provides additional resources on the topic
- Available online at: www.cochlear.com

Suggested reading

- Acoustical Society of America (2002)
American National Standard, Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools, ANSI S12.
- Chute PM, Nevins, ME (2006)
The Parents' Guide to Cochlear Implants.
Gallaudet University Press.
- Clark G (2003)
Cochlear Implants: Fundamentals and Applications.
Springer-Verlag.
- Crandell C, Smaldino J (2001)
Classroom Acoustics: Understanding Barriers to Listening. *Volta Review*, Vol 101, No 5.
- Datta G, Harbor D (2004)
Cochlear Implants for Deaf Babies and Young Children: Practical Issues, the Ear Foundation (Nottingham, UK).
- Estabrooks W (1998)
Cochlear Implants for Kids. AG Bell.
- Francis H, Koch M, Wyatt R, Niparko J (1999)
"Trends in Educational Placement and Cost-Benefit Considerations in Children with Cochlear Implants,"
Arch Otolaryngol Head Neck Surg 125:499:505.
- Geers AE, Kirk KI (2003)
Ear and Hearing. Vol 24, No 1.
(Issue devoted to language development in children with cochlear implants.)
- Hammes, D et al (2002)
"Early Identification and Cochlear Implantation: Critical Factors for Spoken Language Development,"
Ann Otol Rhinol Laryngol 111.
- Kirk K, Miyamoto R, Ying E, Perdew A, Zuganelis H (2002) "Cochlear Implantation in Young Children: Effects of Age at Implantation and Communication Mode," *Volta Review* 102(4).
- Nevins ME, Chute PM (1996)
Children with Cochlear Implants in Educational Settings. Singular Publishing Group, Inc.
- Niparko J, Kirk K, Mellon N, McConkey R, Tucci D, Wilson B (2000)
Cochlear Implants: Principles & Practices. Lippincott Williams & Wilkins.
- Oberkotter Foundation (2002) *Speaking Volumes: Effective Intervention for Children Who are Deaf and Hard of Hearing.*
- Otto J, Kozak (1998) *Questions Teachers Ask.* Central Institute for the Deaf.
- RNID for Deaf and Hard of Hearing People (2003)
Working with Children with Cochlear Implants and Guidelines for Teachers of the Deaf. London, UK.
- Ruben R, (1997) "A time frame of critical/sensitive periods of language development," *Acta Otolaryngol* (Stockh), 117:202-205.
- Schwartz S (1996) *Choices in Deafness: A Parents' Guide to Communication Options.* Woodbine House.
- Seaver Creative Services, Inc. (2000)
Teaching the Kids with High-Tech Ears. (VHS video)
- Waltzman SB, Cohen N (2000)
Cochlear Implants. Thieme.

Organizational resources and websites

Information on cochlear implants in children

Alexander Graham Bell Association for the Deaf and Hard of Hearing (AG Bell)

3417 Volta Place, NW
Washington, DC 20007
202.337.5220
www.agbell.org

American Academy of Audiology

11730 Plaza America Drive, #300
Reston, VA 20190
703.790.8466
www.audiology.org

American Academy of Otolaryngology-Head and Neck Surgery

One Prince Street
Alexandria, VA 22314
703.836.4444
www.entnet.org

American Speech-Language-Hearing Association (ASHA)

10801 Rockville Pike
Rockville, MD 20852
800.638.8255
www.asha.org

Cochlear Americas

400 Inverness Parkway, Suite 400
Englewood, CO 80112
800.523.5798
www.cochlear.com

Hearing Exchange

www.HearingExchange.com

Hearing Loss Association of America (HLAA)

7910 Woodmont Avenue, #1200
Bethesda, MD 20814
301.657.2248
www.hearingloss.org

John Tracy Clinic

806 West Admas Blvd
Los Angeles, CA 90007
800.522.4582
www.johntracyclinic.org

Laurent Clerc National Deaf Education Center

Gallaudet University
800 Florida Avenue
Washington, DC 20002-3695
202.651.5638
<http://clerccenter2.gallaudet.edu/KidsWorldDeafNet/e-docs/CI/index.html>

Learning to Listen Foundation

www.learningtolisten.org

Listen-Up

www.listen-up.org

National Institute on Deafness and Other Communication Disorders (NIDCD)

National Institutes of Health
1 Communication Avenue
Bethesda, MD 20892-3456
301.241.1044
www.nidcd.nih.gov
nidcdinfo@nidcd.nih.gov

Network of Educators of Children with Cochlear Implants (NECCI)

<http://www.childrenshearing.org/custom/necci.html>

The Oberkotter Foundation

877.672.5332
www.oraldeafed.org

RNID for Deaf and Hard of Hearing People

London, UK
EC1Y 8SL
www.rnid.org.uk

SCHOOL



At Cochlear, we believe in the joys of life.

Our purpose is to bring the sounds of life to the ears of those who cannot hear. We provide the tools to hear, and the inspiration to explore the world. Our passion, dedication to providing the best and most reliable technology, is what enables the Nucleus® cochlear implant system to deliver the world of sound to more than 80,000 people. At Cochlear we are here for you now ... and always.

For more information, please visit our website at

www.cochlear.com

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