Cochlear™
Re/Habilitation
Resources 2015
For all ages and stages

Cochlear’s rehabilitation resources are designed to support each recipient as they progress through their listening journey.
Cochlear Mission

We help people hear and be heard.

We **empower** people to connect with others and live a full life.

We **transform** the way people understand and treat hearing loss.

We **innovate** and bring to market a range of implantable hearing solutions that deliver a lifetime of hearing outcomes.
Cochlear Re/Habilitation Resources

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Materials available through our website:
www.cochlear.com
Welcome to the wonderful world of Data logging

**Coaching and Guiding with Insight – Families**

Data logging gives us the opportunity for positive conversations with families about the listening and spoken language world of each child.

*What conversations would you want to have with a parent or carer?*

**Is the device being used?**

**Trends Over Time**

Thinking about time on air/speech/noise etc. Could you ask…

*What is happening in your child’s daily routine which may affect the data logs?*

*What is happening in the family routine at home?*

**What is the auditory environment?**

- Understand how much time is spent in each scene
- We can help families understand their child’s listening situations.
- Understand system usage and track changes over time.
We can help families to understand their role in creating a good listening and language learning environment. Could you ask...

*What things are you doing that help your child to listen?*

*What could you do more of?*

*What else could you do?*

*What difference might this make?*

Have a conversation with a family about their child’s data logs and build on the good things they are doing.
Coaching and Guiding with Insight
– Teenagers and Adults

Data logging can promote positive conversations with teenagers and adults.

You can use the information that data logging provides to start a conversation that will help someone to understand how he or she is using their cochlear implant(s). What questions might help someone to think about the opportunities they have to develop their listening skills and to participate in conversations?

What programs are being used?
Identify programs most used and fine-tune settings.
**DiaLog**

The data logging counselling tool

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**NEW!**

DiaLog

INFORMING PATIENT CARE

- INTRODUCTION
- PAEDIATRICS
- SCHOOL AGE
- ADULTS

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**ADULTS**

Time on Air

Speech

Time off Air

Scenes

Program Usage

Volume and Sensitivity

Loudness

Accessory Usage

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**Time on Air: Speech**

What the data shows you

This gives the average amount of time your patient is in a speech environment and is an average per 24-hour period since the last visit.

Data logging reveals limited time in speech.

Note: This does not indicate the quality of the speech environment.

Why is this important?

Getting back into conversations should help with your listening and communication skills.

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What the data shows you

What might be going on in the real world

Questions that promote change before next visit

1. Share data logging results and gather info about successes and challenges
2. Dialogue about possible strategies and activities
3. You may also find it helpful to discuss

Facilitate leading-change and useful resources
Birth to Six Years **On the road to listening**

**Sound Foundation series:** A series of three planned resources designed to help parents guide their child to age appropriate spoken language through listening. Each program consists of 40 lessons centered on a unit or theme in the areas of **audition, receptive language, (understanding), expressive language, (what child says), speech, (how child says).** Each folder covers 12 months of hierarchical goals following cochlear implantation at around 12 months of age. Each lesson includes a **Story and Song** page.

**Sound Foundation for Babies**
12-24months

*Language:* English, Simplified Chinese, Hungarian, Lithuanian, Spanish, Polish

This folder supports parents during the first year after their child receives the cochlear implant at approximately one year of age.

**Sound Foundation for Toddlers**
Toddlers 24-36 mths

*Language:* English, Simplified Chinese, Spanish

Supporting a young recipient and their parents during their second year with a cochlear implant.

**NEW!**

**Sound Foundation for Children**
36-48 mths

*Language:* English

The third year with a cochlear implant. Each of the 40 sets of goals is built around a theme that is cognitively and developmentally appropriate for children with a chronological age of 36-48months.
Ling 6 Sound Pack

Language: English, Croatian, Czech, Turkish, Simplified Chinese, Korean, Russian, Slovakian

The Ling 6 sound test is a simple but effective way to check a child’s functional hearing every day.

These colourful and fun cards include bright pictures representing the six sounds of the Ling Sound Test. If your child can hear and recognise these six sounds, it shows that they have access to all the sounds of speech.

NEW!

World of Sound

Language: English, French, Simplified Chinese, Japanese, German

Learning to listen can be great fun with this interactive CD. Have fun with your child, exploring the sounds in different scenarios. A great early listening tool as well as helping to develop new words as they start their listening journey.
Small Talk

Language: English, Dutch, Slovenian

This package includes a DVD, booklet and handy fridge notes. Small Talk gives families of young infants, ideas on promoting early communication and interaction in those first few months after a diagnosis of deafness.

Chit Chat

Language: English, Arabic

This resource includes a video, booklet and photocopiable sheets and demonstrates the art of parent-child conversation in everyday family life.

The package is designed to support the timely development of parent-child spoken language communication in daily life using the principles that a professional would coach through a good auditory model but demonstrating these techniques in daily routines in the family home.
Speech Sounds Consonants

*Language:* English, Simplified Chinese

There are lots of ideas on how to give your child maximum exposure to many common consonant sounds in this easy to follow guide. Each sound has stories, songs, games, rhymes and recipes that focus on that particular sound. Ideal if you want to work on a ‘sound of the week’ at home.

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Speech Sounds Vowels

*Language:* English, Spanish

Speech Sounds Vowels is designed to give children rich auditory input and exposure to each (American) vowel by suggesting child friendly words, games and toys, daily routines, songs, books and more.
My Experience Book

*Language*: English, Japanese

Experience books are personalized stories that can be highly rewarding and exciting because the child is the main character in the story. Creating experience books is an interactive communication process between a child and significant adult which lays the foundation for the natural development of listening, speech, language and literacy. This program demonstrates how to create Experience Books to support your child's literacy development.

Learning with Literacy

*Language*: English.

The relationship between learning to read and later success in life is generally accepted. There is also a strong link between the extent of a child's vocabulary and reading comprehension. These connections have particular significance for parents of children with hearing loss as building language comprehension is a continuing priority.
Hear our stories

Do you know what it’s like to have a cochlear implant? There is a lot of information, however everyone’s experience is different.

Let me introduce you to some friends of mine. They will each tell you a little bit about their own cochlear implant journey.

Together their stories explain what it’s like getting, and living with a cochlear implant.

HOPE words app

*Can be used in any language using pictures only*

Created as a tool for improving listening and spoken language skills of children with hearing loss. HOPE words features interactive flashcards for the full alphabet that have been organized by the speech sounds in the English language. Each letter of the alphabet has 20 different flashcards. This allows auditory self-monitoring by listening to a word and matching speech production. Vocabulary development is also facilitated by matching the sound to a picture.
Birth to Six Years *Having fun with water!*

**Water play:** The Cochlear™ Nucleus® Aqua+ opens up a whole new world of water activities

The Aqua+ is a soft, flexible silicone sleeve that fits over a CP810 or CP900 series processor. When used with the Aqua+ Coil, it allows you to enjoy water activities where additional protection is needed.

A water protection rating of IP68 is your invitation to get wet without cumbersome cases or annoying cables – the Aqua+ sits comfortably on the ear and can be submerged under 3 metres of water for up to 2 hours.

**WATERPROOF:** If there are times when your child needs something completely waterproof, the new Aqua+ enables them to dive right in without compromising their hearing. It is easy to use and will fully protect their system.
NEW!
My Bath Time Picture Cards and lessons

Language: English.
Picture cards can be used in any language.

Bath time is a part of every baby and toddlers daily routine and can involve lots of language and communication.

The Bathtime picture cards and lessons provide some creative ideas to make bath time a fun and educational time, while reinforcing listening and language goals.

NEW!
My Beach Time Picture Cards and lessons

Language: English.
Picture cards can be used in any language.

My Beach time picture cards and lessons are a fun way to plan your next trip to the beach.

Listening and language goals can be incorporated into family activities at the beach using the cards and lessons. Playing in the sand, swimming in the sea or exploring rockpools – all are listening and interaction opportunities.

Picture cards can be used in any language.
Track a Listening Child (TLC)

Language: English

TLC is a checklist of progressive skills along the pathway to developing spoken communication. As each milestone is reached, check it off and feel confident as your child progresses through each stage. This system supports you in targeting goals when you look ahead at individual areas for listening, language, speech, social, cognitive and general development. It also provides helpful suggestions for you should you need additional support.

Diary Inventory of Early Language (Di-EL)

Language: English, Simplified Chinese.

Di-EL First Words is the first application of a diary technique to be validated for children with hearing loss. It is a valuable tool for all those who are interested in early lexical development of young children.

Di-EL supports the parent and professional in recording the child’s first 100 spoken words. Di-EL is a CD-ROM that includes a guide for parents and teachers, a self-navigated tutorial, parent feedback, data entry software and supporting reference material.
Integrated Scales of Development

*English, Arabic, Bulgarian, Simplified Chinese, Croatian, Czech, Dutch, Estonian, French, Greek, Hungarian, Italian, Indonesian, Japanese, Korean, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Serbian, Slovakian, Slovenian, Spanish, Swedish, Thai, Turkish, Vietnamese.*

This comprehensive developmental chart identifies milestones in listening, receptive (what your child understands) and expressive (what your says) language speech, cognition (thinking) and social communication. A practical and easy to use form supports you in tracking your child’s development over the long term.

Nottingham Early Assessment Package (NEAP)

*Language: English, CAP, ILIP, LIP, MAIS, PALS, SIR, SNAP, TAIT, PASS, [Danish, Dutch, French, German, Greek, Hebrew, Icelandic, Italian, Portuguese, Russian, Serbian, Spanish, Swedish, Turkish, Lithuanian].*

NEAP is an information and assessment resource for use with very young children.

NEAP includes checklists, profiles, downloadable forms, video analysis resources and questionnaires.

These tools measure:
- Auditory perception,
- Communication and language development,
- Speech production development,
- Video tutorials demonstrate how to administer each assessment.
Birth to Six Years

SEPPAL

*Language*: Spanish.

This tool includes information to support professionals in understanding Auditory-Verbal Therapy (AVT). Learn what AVT, how this therapy benefits many children who are deaf and take away ideas, suggestions and games on how to transfer listening and spoken language to the child's everyday environment.

EEPAL

*Language*: Spanish.

A fun way for parents and professionals to encourage language learning with kids up to about age six. This program has lots of interactive computerised games that when used with the support of an adult will support your child's listening development.
Juegaoyendo

Language: Spanish.

This is a fun and interactive way to develop auditory perceptual skills in children.

This notebook follows the typical stages of: detection, discrimination, integration and comprehension of speech through the auditory system.

Included in this notebook are pictures and activities that you simply cut out, color and paste. All the hard work has been done for you!
LEAPing on with Language

*Language: English, Dutch, Slovenian, Japanese*

LEAPing on with Language is a conversation based parents program for school aged children. LEAPing on with Language provides practical strategies that aim to accelerate your child’s spoken language learning beyond simple sentences to more complex and abstract language. These skills are then used to develop communicative independence and self esteem. There are dozens of fun games and activities for your child to enjoy.

Strive and Thrive refresh

*Language: English, Japanese, Lithuanian, Slovenian, Latvian*

Attendance at a mainstream school does not signal the end of support from Cochlear, but rather the beginning of the next phase in helping children to become competent communicators and learners. There are many ways in which parents and teachers can help children with a hearing impairment survive and thrive in a mainstream educational setting. Parent preparation at home begins a full year or more before the child walks through the school doors.
Hope Tips: Time for School

Whether your child has just begun his school career, or already has several years of instruction, maintaining perspective on the different aspects of the education can be overwhelming …

‘Time for School’ series is designed to ease the stress of that journey by providing guidance for key areas of the education process.

HOPE music series

What the Experts Say…

By Kate Gfeller Ph.D.

Although the key aim of cochlear implants is to provide access to sound for effective communication through listening, enjoyment of music is an important part of life for most people. Realistic expectations is a key aspect of learning to enjoy music. This brochure contains useful information and handy hints.
Teens and Adults
Cochlear’s rehabilitation resources will give you lots of ideas and materials to help in your work with teenagers and adults, supporting their increased participation in the hearing world.

Communication Strategies

*Language: English, Simplified Chinese, Polish*

For adults who receive a cochlear implant, hearing rehabilitation is an important aspect of auditory progress with the device. Hearing rehabilitation takes on various areas of focus including communication strategies. This brochure covers a number of key factors that can influence understanding during conversation.

Cochlear Implant Rehabilitation. It’s not just for kids!

*Language: English*

This is a great guide for adults who will benefit in learning and practicing strategies and skills that can help in making the most of your cochlear implant. Here you have lots of information, tips, and listening activities that will support you as you adjust to your new listening situation.

For those who have had a second, sequential cochlear implant, the activities and guidance you take from this guide will help you maximise outcomes with the second cochlear implant while integrating the new sound with their first implant.
Hope Notes—Turn the Music On

*Language: English, Dutch*

A fun and interactive DVD designed for cochlear implant users to help improve music perception and appreciation using original songs, traditional, Folk, Blues, Country styles and some familiar tunes played in unexpected ways.

Hope Notes was developed by Richard Reed, a professional musician and Cochlear implant recipient.

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Adult Aural Rehabilitation Guide

*Language: English, Simplified Chinese, Dutch, Greek*

This comprehensive package is a multi-purpose resource for cochlear implant clinics. Developed for professionals working with adults and older teenagers with a hearing impairment, it is both a resource of rehabilitation material and a training guide for new staff. The package consists of a guide, booklet, DVD and CD-ROM.
COMING SOON!
Adult Cochlear Implant Home-Based Training

**Language:** English

- Prelingual or Long Duration Hearing Loss
- Postlingual Hearing Loss
- Guide for Clinicians

Auditory training is an important component of adult post-implant rehabilitation. Cochlear has created three manuals to supplement the work of the clinician in the clinic, and to create more independent learning opportunities for the adult recipient.

There are lots of activities an adult recipient can do at home with the help of a hearing support person.

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NEW!
Adult poster
Stages of Listening with a Cochlear Nucleus System

**Language:** English

Many people find that auditory training significantly enhances their ability to enjoy listening activities such as conversation, using a telephone or listening to music. This poster shows steps in the Auditory Hierarchy which would typically be followed after activation of a cochlear implant.
Music and Implants: Piecing the Puzzle together

Language: English

Though cochlear implants (CI) are designed primarily for the processing of sounds related to speech, many CI recipients are successfully enjoying the sounds of music. Solving the puzzle of why some CI recipients successfully enjoy music, involves considering each recipient’s biological, environmental and lifestyle characteristics.
Welcome to one of our new features with Nucleus 6 – Data logging. Data logging gives valuable insight into when and how recipients are using their device outside the clinic and in their day-to-day activities.

This guide will:

• support clinicians in using the information provided by data logging, effectively and efficiently; it contains real-life examples and ideas to guide discussions with recipients and parents. There are also suggestions for useful resources and links.
• support parents and recipients in understanding the information collected through data logging and recognising the impact this might have as well as the opportunities this information might present.
A Clinician’s Guide To Adult Expectations

Language: English

The Clinician’s Guide provides valuable insights into the possible outcomes and behaviours experienced by some recipients during their journey at activation, one week, one month, three months, six months and long term.

This resource is based on four adult recipient profiles:
1. Post-Lingual / short duration / with or without residual hearing
2. Post-Lingual / medium – long duration / residual hearing
3. Post-lingual / medium – long duration / poor residual hearing
4. Pre-lingual / auditory-oral history

The Mentor’s Guide to Auditory-Verbal Competencies – Years 1-3

Language: English

Mentor’s Guide: Auditory-Verbal competencies Years 1-3, was developed to provide guidelines for mentors and mentees to monitor the growth of essential professional auditory-verbal skills through a three years mentoring process.

Copyright 2013 Cheryl L Dickson, Helen M. Morrison and Mary Boucher Jones.
Professional Resources

Let us help you plan your professional development

NEW!

10 Observation lessons on the website.

The videos included here are full, unedited AVT lessons with support documentation which includes pre and post CI audiograms, lesson plans and long term goals.

For professionals or parents working with children who have a cochlear implant, these lessons can provide some valuable insights into the auditory verbal process to bring a child to effective spoken communication.

Listening and Spoken Language Specialists (LSLS) who are being mentored for their auditory verbal therapy (AVT) accreditation are required to observe and make diagnostic notes on at least 10 complete auditory verbal sessions.

Candidates must observe at least two different cert AVTs (auditory verbal therapists) providing a full lesson to a child and their parent or main carer. These observations may be either on-site or via video.
Materials available through our website:
www.cochlear.com

HOPE Seminar Series
New lectures regularly added!

*Language*: English, Simplified Chinese

HOPE online seminars are designed for educational professionals, therapists and clinicians who work with babies, children, teens or adults with hearing loss. Some are also appropriate for parents and recipients.

More than 100 lectures available on a wide variety of topics for all ages and stages of the listening journey.

These seminars can be accessed at hope.cochlearamericas.com/online-courses or at cochlear.com/wps/wcm/connect/intl/for-professionals

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Information Guides and posters

*Language*: English, Lithuanian, Hungarian, Romanian and more...

Understanding hearing Loss

Hearing Checklist

Speech Acoustics Made Easy and more...

Find many useful information guides covering aspects of hearing, listening and speech development. These can be downloaded free and printed in poster size for clinic walls or A4 size as workshop handouts.

The range of information guides and posters is constantly growing so its worthwhile to regularly visit the Cochlear website to check on new additions.
Professional Resources

Practical and colourful posters for your clinic.

Sound Start Poster Series

English, Simplified Chinese, Czech, Croatian, Indonesian, Hungarian, Lithuanian, Polish, Slovakian, Slovenian, Thai, Vietnamese

8 posters which cover stages of the Auditory Hierarchy and the key listening strategies which are crucial to support a child's early listening and spoken communication development. The Auditory Hierarchy is the stages in listening development, from sound awareness through to complex listening skills and competence in spoken communication.

After receiving a cochlear implant a child will follow these steps in their learning to listen journey, with their family and auditory therapist.

This poster series is designed to be a colorful and practical addition in a clinic, school or at home.
Summer fun in the water!!

For all ages!

With the Cochlear™ Nucleus® Aqua+ there's no need to be a fish out of water. The Aqua+ is a soft, flexible silicone sleeve that fits over a CP810 or CP900 series processor. When used with the Aqua+ Coil, it allows you to enjoy water activities where additional protection is needed. A water protection rating of IP68 is an invitation to get wet without cumbersome cases or annoying cables – the Aqua+ sits comfortably on the ear and can be submerged under 3 metres of water for up to 2 hours.
As the global leader in implantable hearing solutions, Cochlear is dedicated to bringing the gift of sound to people with moderate to profound hearing loss. We have helped over 350,000 people of all ages live full and active lives by reconnecting them with family, friends and community.

We give our recipients the best lifelong hearing experience and access to innovative future technologies. For our professional partners, we offer the industry’s largest clinical, research and support networks.

That’s why more people choose Cochlear than any other hearing implant company.