# Pediatric solutions throughout the hearing journey

Phonak Sky™ Link M and Advanced Bionics Sky CI™ M



#### Phonak and Advanced Bionics hearing solutions for your child

A diagnosis of a severe to profound hearing loss will very understandably lead to a series of questions about your child's development including questions regarding speech and language development. To provide your child access to speech and other sounds of everyday life, it is essential that hearing aids are fit as early as possible and that they are worn whenever your child is awake. Finding a solution that will support your child's development is a top priority.

By choosing hearing devices from Phonak and Advanced Bionics (AB), you are getting access to a continuum of care with technology to support each phase of your child's hearing journey; whether it be two hearing aids, a hearing aid and a cochlear implant (bimodal) or two cochlear implants. These devices work together to assist in laying the foundation for speech and language development in children with a severe to profound hearing loss.



## Laying the foundation for speech and language development

Back-and-forth interactions are essential for children to build strong, loving relationships. These interactions stimulate neural connections, shape brain architecture and support the development of communication and social skills.<sup>1</sup> For children with hearing loss, hearing technology helps provide access to these fundamental interactions. Every child's hearing journey is different. For many kids two hearing aids will suit their amplification needs. For others, a cochlear implant may be more beneficial. If your child is preparing for a cochlear implant, Sky Link M is the ideal solution. Here are some highlights:

- Phonak Sky Link M devices can be used on both ears prior to implantation. One can continue to work alongside the AB Sky CI M sound processor implantation.
- Both devices automatically align in every environment your child is in.
- Connectivity options are available for both home and school.

Together, Sky Link M and Sky CI M will help your child to make the most of every back-and-forth interaction and to share the moments of love.



1. National Scientific Council on the Developing Child. (2004). Brain architecture. Retrieved from https://developingchild.harvard.edu/ science/key-concepts/brain-architecture/, accessed November 1st, 2020.

#### Packed with hearing performance

Sky Link M and Sky CI M have AutoSense Sky OS 3.0, an operating system designed to recognize the challenging listening situations that kids experience each day. Classification in AutoSense Sky OS is up to 30% more precise during noisy classroom activities and up to 39% more accurate in recognizing yelling and shouting as unwanted noise.<sup>2</sup>

Additionally, Sky Link M hearing aids have SoundRecover2, which aims to provide maximum access to high frequency speech sounds – essential for developing speech and language.<sup>3,4</sup>



- Feilner, M., Rich, S., & Jones, C. (2016). Automatic and directional for kids Scientific background and implementation of pediatric optimized automatic functions. *Phonak Insight*, retrieved from www.phonakpro.com/evidence, accessed November 1st, 2020.
  Wolfe, J. (2016). SoundRecover2 for Pediatrics: Audibility where it matters most. *Phonak Field Study News*, retrieved from www.
- Wolfe, J. (2016). SoundRecover2 for Pediatrics: Audibility where it matters most. *Phonak Field Study News*, retrieved from www. phonakpro.com/evidence, accessed November 1st, 2020.
  Rehmann, J., Jha, S., & Allegro Baumann, S. (2016). SoundRecover2 – the adaptive frequency compression algorithm. More
- Rehmann, J., Jha, S., & Allegro Baumann, S. (2016). SoundRecover2 the adaptive frequency compression algorithm. More audibility of high frequency sounds. *Phonak Insight*, retrieved from www.phonakpro.com/evidence, accessed November 1st, 2020.

### Connectivity to smartphones, Roger™ mics and more

Connectivity is a central part of life, even from a child's early days. Unlike any other pediatric bimodal solution, both Sky Link M and Sky CI M connect to most Bluetooth<sup>®</sup>\* enabled smartphones (iOS<sup>®</sup> and Android<sup>™</sup>)<sup>\*\*, \*\*\*</sup> and audio devices. This will help your little listener enjoy their favorite tv shows, apps or games and have video chats with grandparents. They can also stay connected in the classroom.

Thanks to RogerDirect<sup>™</sup>, Roger receivers can be wirelessly installed into both the Phonak Sky Link M and AB Sky CI M so that children don't need to wear additional devices. Roger microphones can then stream directly to both hearing aids or to the hearing aid and the cochlear implant at the same time. Using Roger helps overcome the negative effects of distance and noise on speech understanding.



Roger Select™



Roger Touchscreen Mic

Bluetooth<sup>®</sup> is a registered trademark of Bluetooth SIG.

\*\* iOS® is a trademark of CISCO

\*\*\* Android™ is a trademark of Google, Inc.

## Letting kids enjoy the pleasures of childhood

Together, Sky Link M and Sky CI M are the world's first dedicated pediatric bimodal solution. Your child needs hearing technology that allows them to stay active while giving you peace of mind knowing that the devices continue to perform regardless of the activity. Furthermore, some of our features are exclusively designed for small children:

- Sky Link M is water and dust resistant (IP68 rating).\*
- Tamperproof earhook and battery door help to prevent accidental removal, keeping them out of small hands and mouths.
- Indicator light clearly confirms the status of the hearing devices.
- The AB Remote app gives you convenient control and management of your child's hearing devices, until they're ready to do it on their own.
- The Sky Link M and Sky CI M are available in standard colors as well as fun pediatric colors.

Phonak Sky Link M pediatric colors



AB Sky CI M pediatric colors

Precious Pink



Caribbean Pirate









M6 Lava Red



M8 Majesty Purple

13





M7

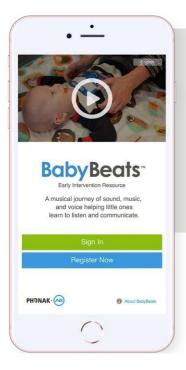
Blue Ocean

\* It survived continuous immersion in 1 meter of water for 60 minutes and 8 hours in a dust chamber as per the IEC60529 standard.

#### Resources for the entire hearing journey

With Phonak and Advanced Bionics, you get support from a community dedicated to the success of your child, independent of where they are along their hearing journey. From hearing aids to cochlear implants, we will be here for your family every step of the way.

This is why Phonak and Advanced Bionics have come together to offer **Hearing**Success, a comprehensive online resource portal. You can utilize these free tools and resources to assist your child's progress throughout the hearing journey. You can find it at **Hearing**Success.com.



Among the HearingSuccess resources, BabyBeats<sup>™</sup> early intervention resource was specifically designed by experts in early child development and education. It helps babies and toddlers learn to listen through fun, musical activities that engage and motivate.

### Connecting to life

Every day. Every hour. Every moment... connections are made. Connections to family, friends and to the world around.

At Phonak and Advanced Bionics, we believe everyone deserves to fully experience life's essential connections. United by a common purpose, we empower people by connecting them to the life they want, and the ones they love.

As two of the world's largest and innovative providers of solutions for every type and degree of hearing loss, our fully integrated approach is pushing the boundaries of hearing technology far beyond any other audiology company. We offer a comprehensive portfolio of hearing aids, cochlear implants and a wide range of wireless communication solutions, designed to reconnect everyone, everywhere, to the sound of life.

We are Phonak+AB. We are connecting to life.



www.phonak.com www.advancedbionics.com





