Introducing AB’s Latest Innovation: The Naída Bimodal Hearing Solution*

This handout was current at the time this course was recorded in May 2016 - all information herein is subject to change.

* Regulatory approval varies in all markets. Please contact your AB Representative for approval status in your region.

Today’s Training Topics

- Benefits of Bimodal Hearing
- Naída Bimodal Hearing Solution
- Phonak Naída™ Link Hearing Aid
- Fitting the Naída bimodal hearing solution
Today’s Cochlear Implant Candidates

Individuals with more residual hearing are considering cochlear implantation. These candidates can benefit from acoustic amplification of the lower frequencies in the implanted and contralateral ears.

Why bimodal?

- Two ears are better than one
- Improved speech discrimination in quiet
- Improved speech discrimination in noise
- Improved quality of music
- Better access to low frequencies
The Naída bimodal hearing solution provides a new way to deliver the bimodal hearing experience.
Made for Each Other

Naída Bimodal Hearing Solution

How is the Naída bimodal hearing solution better than what is already available?
EASY TO HEAR with shared signal processing between the two devices

EASY TO USE with improved understanding in noise, enhanced sound quality, and improved ease of use

- UltraZoom
- SoundRelax
- WindBlock
- QuickSync
EASY TO COMMUNICATE by allowing recipients to hear important sounds in both ears*

*available with the next generation SoundWave software

EASY TO CONNECT to a full line of proven Phonak accessories
How am I going to manage these two different devices?

EASY TO PROGRAM with simple, effective fittings of both devices
NEW from AB PHONAK

Phonak Naída™ Link Hearing Aid

Ultra Power (UP)  Receiver-in-the-Canal (RIC)
Phonak Naída™ Link Fitting Ranges

Ultra Power (UP)  
Receiver-in-the-canal (RIC)  

Severe to Profound HL  
Moderate to Profound HL  

Phonak Naída™ Link Hearing Aid

Ultra Power (UP)  
Receiver-in-the-Canal (RIC)  

Unique Phonak hearing aid that is compatible with AB sound processors
Phonak Naída™ Link Hearing Aid

Available in 7 matching colors

Phonak Naída™ Link Hearing Aid

Ultra Power (UP)  Receiver-in-the-Canal (RIC)

Can be uniquely paired with the Naída CI to access Binaural VoiceStream Technology™
Binaural VoiceStream Technology™*

*available with the next generation SoundWave software

Made for Each Other

Naida CI

Automation

Naida Link

Automation
Made for Each Other
Feature Compatibility

Phonak Naída™ Link Hearing Aid

Ultra Power (UP)  Receiver-in-the-Canal (RIC)

Compatible with a full line of Phonak wireless accessories
Naída Bimodal Hearing Solution
Wireless Accessories

Multipurpose Solutions
- Roger™ Technology
- Phonak ComPilot Accessories

Dedicated Phone Solutions
- Phonak EasyCall Accessory
- Phonak DECT Phone
ComPilot
• Can now be used today as a streamer for Naída CI and Phonak Naída™ Link
• Can soon be used as a remote for Naída CI and Phonak Naída™ Link*
  • Change programs
  • Change volume

*available with the next generation SoundWave software
Made for Each Other

Phonak Naída™ Link Hearing Aid

Ultra Power (UP)  Receiver-in-the-Canal (RIC)

Utilizes the uniquely-designed Adaptive Phonak Digital Bimodal fitting formula
Adaptive Phonak Digital Bimodal Fitting Formula

Developed by and

Evaluated by:
• Advanced Bionics (Valencia, California)
• The Ear Group (Antwerp, Belgium)
• Radboud University (Nijmegen, Netherlands)
• Medizinische Hochschule Hanover (Hanover, Germany)
• Washington University (St. Louis, Missouri)

Exclusively available for use with Phonak Naída™ Link

Traditional Hearing Aid Fitting Formula

• Focus amplification in frequency ranges which are most important for speech (1000 – 4000 Hz)
• Prescribe wide dynamic range compression
• Use multi-channel syllabic compression
Traditional Hearing Aid Fitting Formula

With bimodal recipients, traditional hearing aid formulas can result in:

- Misaligned frequency response
- Misaligned loudness growth
- Misaligned dynamic behavior

Traditional hearing aid prescriptions do not align acoustic and electric processing

Adaptive Phonak Digital Bimodal Fitting Formula

- Align acoustic towards electric stimulation
- Available for fitting Phonak Naída™ Link in Target 4.3
Adaptive Phonak Digital Bimodal Fitting Formula

Alignment of Frequency Response

- Optimized bandwidth
- Reduced gain in dead regions

Alignment of Loudness Growth

- Optimized low frequency gain
- Maximized effective audibility*

Alignment of Dynamic Behavior

Optimized Fitting with One Click

Adaptive Phonak Digital Bimodal Fitting Formula

Alignment of Frequency Response
- Optimized bandwidth
- Reduced gain in dead regions

Alignment of Loudness Growth
- Optimized low frequency gain
- Maximized effective audibility*


Alignment of Dynamic Behavior
- Matched dynamic compression characteristics
- Same dual-loop AGC
Adaptive Phonak Digital Bimodal Fitting Formula

Aligned AGC improves speech understanding in noise by up to 2 dB over the standard Phonak AGC

Veugen et al., 2016
Naída bimodal hearing solution provides simple, effective fittings of both devices.
Features available with **Phonak Naída™ Link**

**Fitting Formula**
- Adaptive Phonak Digital Bimodal

- Roger System
- ComPilot and Accessories
- EasyCall Accessory
- DECT Phone Accessory

Fitting the Naída Bimodal Hearing Solution

**Program Naída CI in SoundWave 2.3**

**Program Naída Link in Target 4.3 with the Adaptive Phonak Digital Bimodal Fitting Formula**

Fitting Complete!
Fitting Phonak Naída™ Link in Target

Select Adaptive Phonak Digital Bimodal Fitting Formula

Additional features available with the next generation SoundWave™ fitting software

• Binaural VoiceStream Technology™ features

• Remote control function for Naída CI and Phonak Naída™ Link with ComPilot
EASY TO PROGRAM

1. Fit Naída™ CI in next generation SoundWave software
2. Print/Email Bimodal Fitting Report
3. Fit Phonak Naída™ Link in Target 4.3

Resources

www.advancedbionics.com
Additional Resources
Coming Soon

• Updated Candidate Counseling Kit

• Bimodal educational support tool
• Bimodal technology summary sheet
Additional Resources
Coming Soon

THE Listening Room™
for bimodal recipients

Made for Each Other
The Naída Bimodal Hearing Solution

Phonak Naída™ Link will be a new system kit option in North America and some European countries
Made for Each Other
The Naída Bimodal Hearing Solution

Easy to Hear
Easy to Use
Easy to Communicate
Easy to Connect
Easy to Program

Questions?