One smart solution. The power to choose.
New Treatment Options for Patients with SSD and Mixed Hearing Loss

Learning Outcomes

- Participants will be able to correctly identify candidates for these technologies using the appropriate FDA indications.
- Participants will be able to explain how to counsel recipients on key features and benefits of the technologies.
- Participants will be able to outline how to implement best practices when fitting diverse patient populations.
In 2015 we launched the small and smart Baha® 5 Sound Processor.

small and smart

- BCDrive™ Transducer
- Ardium™ Smart Platform

But needs still remain
Baha® 5 technology for patients with mixed loss, and SSD with higher levels of transcranial attenuation

More power in high frequencies for the Baha Attract System

So we took the small and smart. And made it more powerful.

And made it more powerful.

NEW Baha® 5 SuperPower

NEW Baha® 5 Power


Baha 5 sound processors share the same unique technology building blocks to deliver a smart and seamless hearing experience to all patients.

- The industry’s smallest sound processor.
- The only smart processors with direct-to-device wireless streaming and control.
- Two power sound processors including the industry’s most powerful solutions.


The widest and most powerful portfolio^1

Cochlear™ Baha® 5 System

Up to 45 dB SNHL


Baha® 5 Sound Processor

The award winning Cochlear Baha 5 Sound Processor is the industry's smallest sound processor, yet delivers the same power output as other devices with fitting ranges up to 45 dB SNHL.

Identifying candidates

1. Power users who want access to the latest technology in a head-worn option

2. Baha Attract users and candidates with MHL or SSD who need more power

3. Children with MHL who need more power and pediatric features
The widest and most powerful portfolio¹

Up to 55 dB SNHL

Baha® 5 Power Sound Processor

The smart Cochlear Baha 5 Power Sound Processor is packed full of features and is ideal for patients who need more power, longer battery life and on-device control.

Program/streaming

LED visual indicator

Built-in tamperproof battery door


Up to 65 dB SNHL
Baha® 5 SuperPower Sound Processor

The revolutionary Cochlear Baha 5 SuperPower Sound Processor utilizes Baha and Nucleus® technology to make it the only head-worn sound processor for up to 65 dB SNHL.

Baha® 5 SuperPower

Delivering power to everyone, EveryWear™

Three EveryWear™ wearing options help patients get every decibel they need with the flexibility to suit their lifestyle.

Same ear (BTE & UTE)  Other ear (BTE & UTE)  Clip-on
For patients with MIXED LOSS & SSD with higher levels of transcranial attenuation

Baha Attract with more power in the high frequencies

Up to 20 dB more high frequency power

The Baha Attract System delivers more power in the high frequency range with Baha 5 Power and Baha 5 SuperPower compared with the previous generation power device.
Baha Attract now with even better hearing performance

Initial results indicate improved hearing performance in quiet and noise for Baha Attract patients upgrading from the BP110 Power to the Baha 5 SuperPower.

- **Percentage correct sentence recognition**
  - **Hearing in quiet**
  - **Hearing in noise**

The smartest and most powerful head-worn portfolio

For patients who need **MAXIMUM POWER** through **DIRECT** bone conduction

The strongest and most complete direct system

Baha 5 sound processors on Baha Connect System
Excellent speech understanding

In listening tests, patients consistently rate speech understanding with the Baha 5 sound processors as good to very good.\textsuperscript{1-3}

\begin{itemize}
  \item ON AVERAGE, ALL PROCESSORS RATED \textbf{4.3} OR HIGHER
\end{itemize}

Excellent sound quality

In listening tests, patients consistently rate sound quality of the Baha 5 sound processors as good to very good.\textsuperscript{1-3}

\begin{itemize}
  \item ON AVERAGE, ALL PROCESSORS RATED \textbf{4.3} OR HIGHER
\end{itemize}

Smart connectivity for direct-to-device communication

With new Bluetooth\textsuperscript{®} technology, Baha 5 sound processors are the hearing implant industry’s only Made for iPhone\textsuperscript{™} Hearing Devices.

Streamed phone calls, music and turn-by-turn navigation

Live Listen and device control
The first Smart App for bone conduction

Advanced control of sound processor and wireless accessories, personalization and support – directly from iPhone®, iPad®, iPod® touch and now also Android™ smartphones.

Improving the classroom experience

The new Mini Microphone 2+ is perfect for a noisy classroom. With a large range, it can be placed anywhere to help close the gap between the student and speaker.

- Full day streaming (up to 11 hours)
- Range up to 82 feet*
- Directional mics and Table Mic functionality (omni) when placed horizontally
- Full connectivity to audio sources (Line-in), loop systems (built-in Telecoil), and FM systems (Europlug)

One smart solution. The power to choose.

Cochlear™ Baha® 5 System

Apps & True Wireless™ Baha Fitting Software

Baha Attract System

Baha Connect System

Baha Softband

Baha 5 sound processors
Patient Case #1

Background:
• 33 year old female with a history of left ear Acoustic Neuroma removal

Fitting:
• Patient selected the Baha Attract Implant System and was fit with a Baha 5 Sound Processor
  • Using a #3 strength Sound Processor Magnet
  • Active with the Baha Attract for 8 months prior to study visit

Patient report:
• Less than satisfactory outcomes with her Baha 5 fitting
• Trial with a BP110 provided minimal improvement
Patient Case #1:
Speech Testing data (words in quiet)

<table>
<thead>
<tr>
<th>CNC Word Recognition in Quiet</th>
<th>50dB</th>
<th>65dB</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Aid</td>
<td>74%</td>
<td>100%</td>
</tr>
<tr>
<td>BP110</td>
<td>86%</td>
<td>96%</td>
</tr>
<tr>
<td>Baha 5 SP</td>
<td>100%</td>
<td>98%</td>
</tr>
</tbody>
</table>

Patient Case #1:
Speech Testing data (sentences in noise)

<table>
<thead>
<tr>
<th>HINT TEST SNR 50%</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No Aid</td>
<td>0.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BP110</td>
<td>-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baha 5 SP</td>
<td>-3.2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Automatic features deactivated
Omni Microphone
Speech @ 0 degrees Azimuth
Noise @ 180 degrees Azimuth

Patient Case #2

Background:
• 56 year old female with history of repaired cleft lip and palate
• Life long history of ear problems and hearing loss

Fitting:
• Patient selected the Baha Attract System and was fit with a BP110 sound processor
  • Using a #2 strength Sound Processor Magnet
  • One year of Baha use on the right ear
  • Wears an acoustic hearing aid in the left ear

Patient report:
• Dissatisfaction with her current BP110 fitting
Patient Case #2: Audiometric Profile

Patient Case #2: Aided Thresholds with Baha Fittings

Patient Case #2: Speech Testing data (words in quiet)

<table>
<thead>
<tr>
<th></th>
<th>50dB</th>
<th>65dB</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Aid</td>
<td>0%</td>
<td>80%</td>
</tr>
<tr>
<td>BP110</td>
<td>60%</td>
<td>92%</td>
</tr>
<tr>
<td>Baha 5 SuperPower</td>
<td>94%</td>
<td>98%</td>
</tr>
</tbody>
</table>
Patient Case #2: Speech Testing data (sentences in noise)

<table>
<thead>
<tr>
<th>SNR 50%</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No Aid</td>
<td>4.4</td>
</tr>
<tr>
<td>BP110</td>
<td>-1.6</td>
</tr>
<tr>
<td>Baha 5 SuperPower</td>
<td>-3.2</td>
</tr>
</tbody>
</table>

Automatic features deactivated

Omn Microphone
Speech @ 0 degrees Azimuth
Noise @ 180 degrees Azimuth

Questions?