

Cochlear™ Baha® 4 Systems

# More possibilities for a lifetime of better hearing



Hear now. And always



# More possibilities for a fuller life

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We experience and understand the world around us by using five senses: sight, smell, taste, touch and hearing. Each is important in helping us enjoy everything that life has to offer. With hearing loss, keeping up with life can become a constant struggle.

Most of the sound we hear travels through air, but problems in the outer or middle ear can block or restrict the flow of sound waves, preventing them from getting through to the inner ear.

By utilising your body's natural ability to transmit sound as vibrations through the bone directly to the inner ear (this is called bone conduction) you can overcome such difficulties. And if you are deaf in one ear, the vibrations will travel to your hearing side, giving you the benefit of 360 degree hearing.

With the Cochlear™ Baha® 4 Systems\*, you will find it much easier to distinguish between different sounds, and you can listen to music, speak on the phone, enjoy a movie, eat out in a restaurant, go to a concert and socialise with your friends.



"The sound is so much better than before. And after trying the wireless accessories... I just love them!"

*Meryl, Baha Connect user*

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# More possibilities to connect

By utilising several innovative technologies, the Baha 4 Sound Processor seamlessly selects the best setting for the environment you are in, so you can focus on fully enjoying life's finer moments.

And with truly wireless technology, sound can be streamed directly from a wide range of devices. No more struggling to hear, no need to hassle with extra equipment. It's just pure hearing, no strings attached.

Whether you connect your sound processor via magnets for an invisible link, or through our abutment for maximised performance, you can feel confident throughout life. The Baha 4 Systems share the same strong foundation in the Baha Implant.



## Connect to the world around you

Listen to music and talk with your friends



## At home

Pick up the subtle sounds of your family



## Out and about

Enjoy a normal conversation in a busy environment



## At social events

Keep up with the conversations all around you



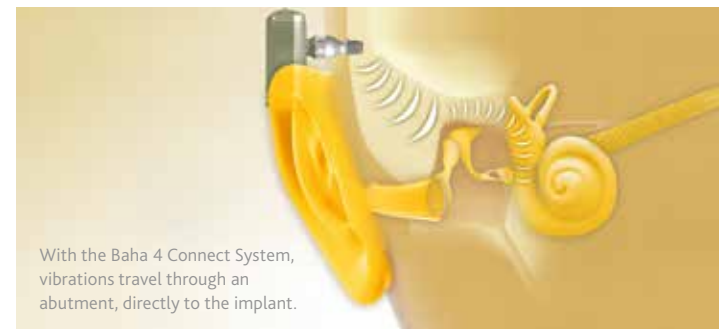
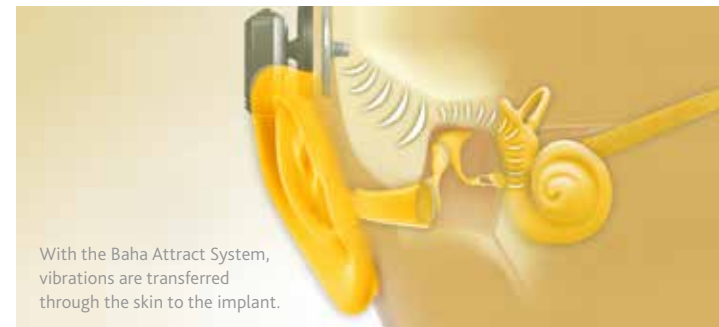
## At work or school

Participate in the discussion

# More possibilities for a lifetime of better hearing

## How the Baha 4 Systems work

The sound processor picks up sound waves and converts them into vibrations, which are transferred via an abutment or magnetic connection to a small implant inserted in the bone. The vibrations stimulate the healthy inner ear, allowing you to hear sound.



## The Baha Implant – a strong foundation, now and for the future

The Baha Implant serves as the foundation for both our systems. Its design provides increased stability and the TiOblast™ surface offers quicker bonding so you can hear sooner.



## Baha 4 Attract System - magnetic connection

With an external magnet attached to the sound processor, and an internal magnet attached to the implant, the Baha 4 Attract System provides an invisible link and ease of use.

To maximise your comfort, the Baha SoftWear™ pad\*, attached to the external magnet, adapts comfortably to the shape of your head and distributes pressure evenly.



## Baha 4 Connect System - abutment connection

The abutment in the Baha 4 Connect System offers a direct connection to the implant resulting in superior hearing performance.

The revolutionary DermaLock™ coating on the abutment enables quicker surgery and faster healing with better cosmetic results than previous Baha abutments.







"Since I could not take part in or keep up with group conversations, I felt socially out of place. Now I can hear everything!"

Mafalda, Baha user

# More possibilities with Baha sound processors

Equipped with truly wireless technology, the Baha 4 Sound Processor lets you connect directly to a wide range of audio devices, including your mobile phone, music player and TV. And the Mini Microphone that transmits sound up to 7 metres allows you to hear clearly, whether in a meeting or in a classroom.

Powered by Ardium, our latest signal processing technology, PureSound™ iQ, uses a smart classifier that scans your listening environment. It then automatically adjusts the settings to provide you with a clean, crisp and clear signal so you don't miss out on what's going on around you. And as the environment changes, so does the sound processor settings, but with smooth transitions so you won't even notice that it's happened.

The Baha 3 Power Sound Processor includes advanced automatic signal processing that provides extra power for people with more severe hearing loss.



**Cochlear Baha 4 Sound Processor**  
Powered by Ardium  
Wireless Functionality (Bluetooth®)

**Baha PureSound™ iQ**  
Intelligent signal processing technology. Utilises a Scene Classifier which constantly measures your acoustic environment and seamlessly selects the best settings for you.

- Colours available
- Champagne blonde
  - Soft black
  - Slate grey
  - Chestnut brown
  - Ocean blue



**Cochlear Baha 3 Power Sound Processor (BP110 Power)**  
High power sound processor

- Colours available
- Champagne blonde
  - Soft black
  - Slate grey
  - Chestnut brown
  - Glacier white
  - Piano black

Read more about our products and users at: [www.cochlear.com](http://www.cochlear.com)

# More possibilities with no strings attached

Cochlear Wireless Accessories make it easy to connect with the people and devices you want to hear. You can enjoy crystal clear speech with sound delivered directly to your sound processor over a distance of up to 7 metres for a truly wireless experience.



## Discreet control in the palm of your hand

The Remote Control monitors battery status and makes it easy to adjust the volume and switch programs on your sound processor.

The buttons are easy to use, and the clear and simple display makes it easy to get a quick overview of your settings.



## Crystal clear speech and sound

The Mini Microphone is a portable, wireless clip-on microphone which transmits speech and sound directly to multiple sound processors. You can easily clip it on your companion's collar when you are dining at a restaurant, or give it to your child's teacher during lesson time.



## Phone calls made easy

A small, light-weight device, the Phone Clip gives you a hands-free connection to friends and family. Phone calls are made more comfortable with sound streamed directly to your sound processor. You can answer calls and adjust the volume with just a click of a button and also use it as a remote control to adjust your sound processor.



## Transform your TV experience

With the TV Streamer you don't have to choose between your favourite show and taking part in a conversation. It transmits sound from the TV, or other audio sources, directly to multiple sound processors while still picking up surrounding sound, to offer a shared and balanced experience.

# More possibilities to match your lifestyle

The Baha 4 Systems include a range of accessories, which allows you to customise your sound processor to fit your personality. Match your mood and style with a battery door design of your choice. Make watching TV, talking on the phone or listening to music a comfortable experience with our audio accessories.

## Baha SoftBand

The Baha SoftBand is an adjustable headband designed specifically for infants and young children\*\*.  
\*\* In the United States and Canada, the placement of a bone-anchored implant is contraindicated in children below the age of 5.



## Battery door colours

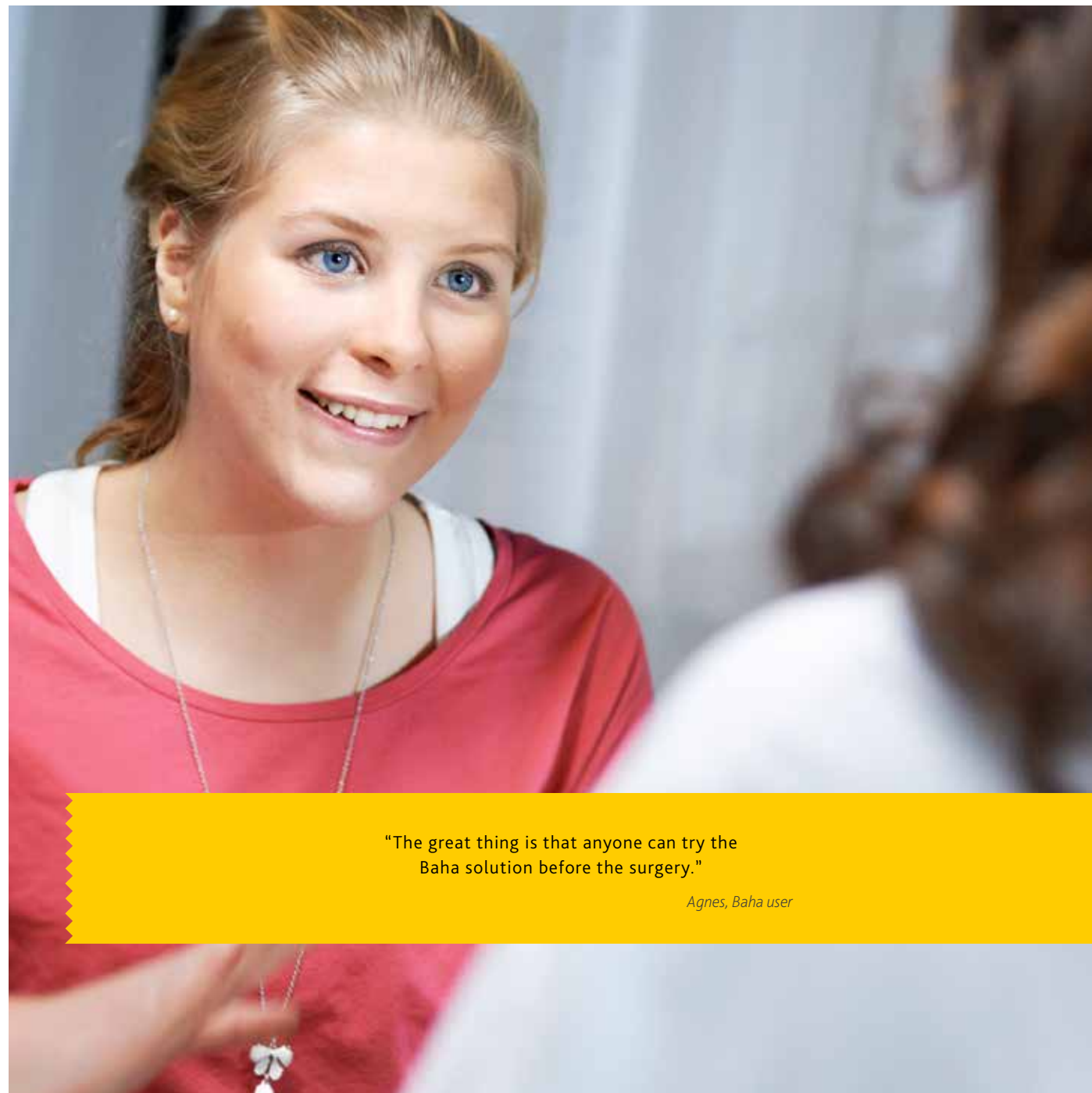


## Audio accessories

Audio adapter, FM receiver and telecoil







"The great thing is that anyone can try the Baha solution before the surgery."

*Agnes, Baha user*

## Taking the next step

When it's time to do something about your hearing loss there's nothing to be gained by delay, and everything to be won by getting help – and the process is simple.



*Consultation*

The first step is to make an appointment with a hearing care professional or GP to discuss whether Baha is the best option for you. In a consultation with a surgeon and an audiologist, you'll be able to test a Baha system right away.



*Surgery*

Only minor surgery is required, which usually takes less than an hour. Often, a local anaesthetic is all that's needed to have the small implant inserted. You can expect to be back home the same day, able to resume your normal routine.



*Fitting*

Just a few weeks after surgery, your Baha sound processor will be fitted at a hearing clinic. A hearing care professional will adjust the sound settings to suit your personal requirements and you'll be able to hear and enjoy all the sounds of the world around you.



# A world of sound

More than 100,000 users world wide

Cochlear is the world leader in bone conduction implants. For more than 35 years, Baha bone conduction implants have connected people to the world of sound.

With the Baha System, Cochlear provides people of all ages with superior hearing performance and innovative design features that represent the best in bone conduction hearing solutions.

Everyone deserves to be connected to the world of sound. With a Baha System from Cochlear, you can.

"It ticks all my boxes. It's low maintenance, it's just easy. I turn it on, pop it on and I'm ready to go."

*Jo, Baha Attract user*





# Hear now. And always

As the leading global expert in implantable hearing solutions, Cochlear is dedicated to bringing the gift of sound to people all over the world. For thirty years, Cochlear has pioneered this technology, helping more than a quarter of a million people reconnect to their families and friends.

Along with the industry's largest investment in research and development, we continue to partner with leading international researchers and hearing professionals, ensuring that we are at the forefront of hearing science.

For our customers, that means access to our latest technologies throughout their lives, and the ongoing support they need.

That is why seven out of ten people worldwide who choose a cochlear implant choose Cochlear as their hearing partner.

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1 Dun CA, de Wolf MJ, Hol MK, Wigren S, Eeg-Olofsson M, Green K, Karlsmo A, Flynn MC, Stalfors J, Rothera M, Mylanus EA, Cremers CW. Stability, survival, and tolerability of a novel Baha implant system: six month data from a multicenter clinical investigation. *Otol Neurotol*. 2011;32(6):1001-7.

\*The Baha 4 Connect System consists of:

- Cochlear Baha BI300 Implant
- Cochlear Baha BA400 Abutment (DermaLock)
- Cochlear Baha sound processor

The Baha 4 Attract System consists of:

- Cochlear Baha BI300 Implant
- Cochlear Baha BIM400 Implant Magnet
- Cochlear Baha SP Magnet
- Cochlear Baha sound processor