



Cochlear®

Hear now. And always

Cochlear™ Baha® 6 System

**Small never
sounded this
powerful**



Experience a life rich in sound

Every hearing loss journey is different. Perhaps you woke up one morning and found that you couldn't hear on one side. Maybe you went through childhood struggling to hear, even though you've tried hearing aid after hearing aid, or you've been through failed middle ear surgery. Or you simply learned to cope with your hearing loss rather than treat it. These are real stories from people who today benefit from a Baha® bone conduction system from Cochlear.

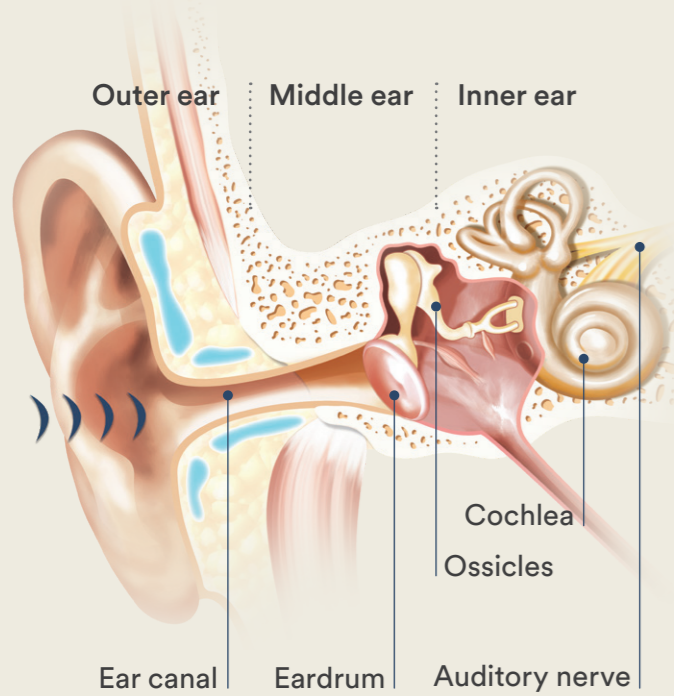
The Cochlear™ Baha® System uses the body's natural ability to deliver sound through bone conduction. If you have conductive hearing loss, mixed hearing loss or single-sided deafness (SSD), the Baha System may be the right hearing solution for you.

How hearing works

Hearing is the process of sound travelling through our outer, middle and inner ear to the hearing nerve and then the brain, which interprets what we hear.

Our natural hearing depends on these parts working together and if one of these parts isn't working correctly, you may experience hearing loss. Hearing loss may affect one or both ears.

Hearing can enrich our experiences of the world, from talking to loved ones to listening to the sounds of nature. Understanding your hearing loss is the first step to finding a hearing solution that is right for you.



Conductive hearing loss occurs when sound travelling from the outer or middle ear is blocked from reaching the inner ear (cochlea). This can be caused by chronic ear infections and conditions such as microtia and atresia. Conductive hearing loss is also associated with syndromes such as Down, Goldenhar and Treacher Collins.

Sensorineural hearing loss can occur in one or both ears. If one ear is affected with profound hearing loss while the other ear has normal hearing, it is known as single-sided sensorineural deafness (SSD). Common causes of SSD include tumours, viral infections, Menière's disease, adverse reactions to medications and injuries to the head or ear.

Mixed hearing loss refers to a combination of conductive and sensorineural hearing loss.





How bone conduction connects you to sound

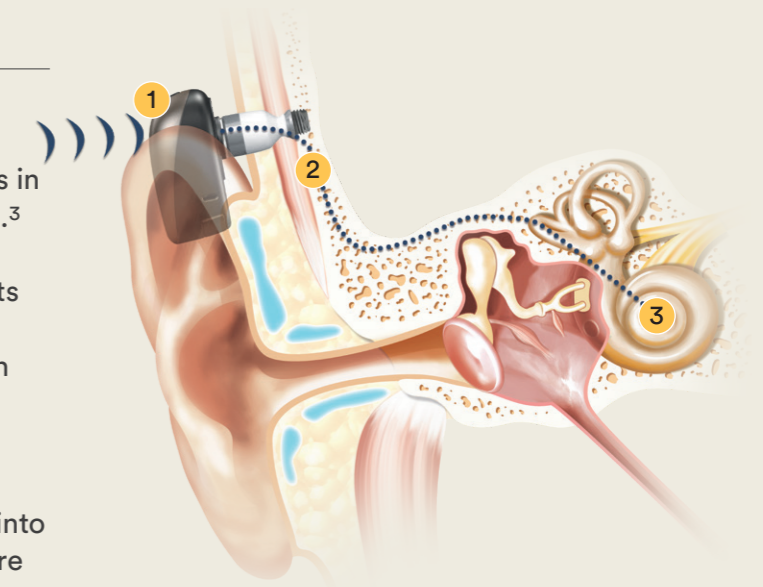
Bone conduction is a scientifically proven solution for conductive hearing loss, mixed hearing loss and single-sided sensorineural deafness.¹ If you have already tried hearing aids or have had unsuccessful middle ear surgeries, a bone conduction solution may be the next step.

Though reconstructive and other surgeries can effectively treat underlying medical conditions, clinical evidence shows that hearing loss remains in 30% of cases² and repeat surgeries are common.³ Instead, the Baha System uses a process called bone conduction that bypasses the affected parts of the ear. The Baha System features an implant placed by a common surgical procedure that can take as little as 20 minutes.⁴

In the Baha System, a sound processor captures sound in the air, after which the sound is turned into vibrations and sent to the bone. The vibrations are then carried by the bone to your inner ear.

There are two ways to connect with the Baha 6 System: Baha Connect and Baha Attract. Baha Connect uses an abutment you attach your sound processor onto, offering a direct connection between the implant and your sound processor. Baha Attract uses internal and external magnets that attract to one another. Speak with your hearing health professional about the best solution for you.

The Cochlear Baha 6 System uses a powerful but discreet sound processor to send sound to your inner ear. The sound processor is designed to help you hear clear, rich and natural sound⁵, so you can engage in many of the activities you love - today, and tomorrow.



How bone conduction works:

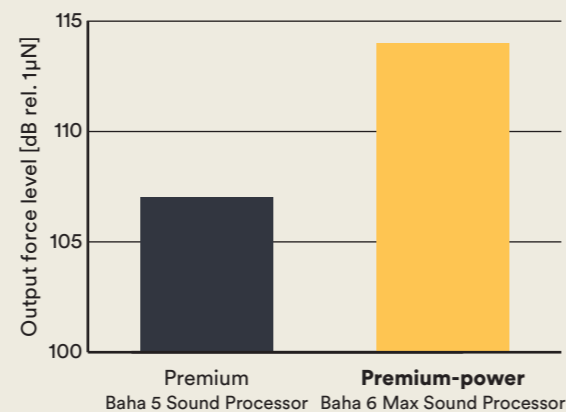
1. A sound processor captures sounds in the air.
2. The sound processor turns the sound into vibrations and sends them through an implant via an abutment (as seen in the image above) or a magnetic connection.
3. The implant transmits the vibrations through the bone directly to your inner ear where they are converted into electrical impulses and sent to the brain.

Small in size, big on experience

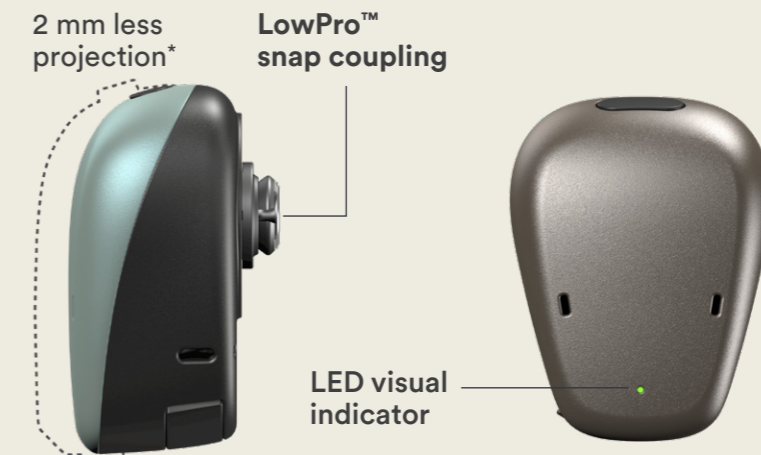
Hearing well in background noise is a challenge for most people, but especially for those with hearing loss. For you to experience clear, rich and natural sound in noisy environments, one thing is very important: a powerful sound processor. When we designed the Cochlear Baha 6 Max Sound Processor, we wanted to ensure that although it is small in size, it is packed with power.

The Baha 6 Max is a first-of-its-kind device: a “premium-power” sound processor. It’s got the same, small form factor of other premium devices⁶, but has power output levels of a power device. This extra power gives you access to a broad and dynamic range of sounds. A large dynamic range has been shown in a study to improve peoples’ ability to understand speech in noise⁷ and it also provides capacity should your hearing loss worsen over time.

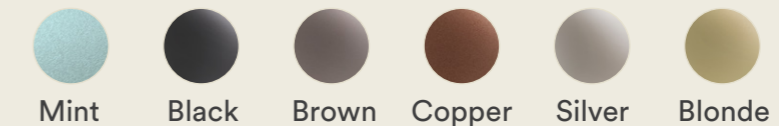
Average maximum power output force measured at 0.5, 1, 2 and 4 kHz



The Baha 6 Max is a small device that delivers 7 dB more power than the previous generation.⁸⁻¹⁰



Baha 6 Max colour options:



Designed for a discreet look

In every way and from every direction, we’ve made the Baha 6 Max as small and discreet as possible, so it’ll be streamlined to your head. You can experience your surroundings with a light hearing device that won’t get in the way of you living your life.

* Compared to Baha 5 Sound Processor



The little details will help you hear the bigger picture

The Baha 6 Max is designed to help you hear more clearly in those difficult listening environments, where background noise makes hearing harder.

It features SmartSound® iQ technology that is designed to help you hear better in different situations. With SmartSound iQ signal processing, your sound processor is able to automatically define what environment you're in and make adjustments to the settings to optimise your hearing experience.

The Baha 6 Max has dual microphones that will help you localise sound easier to be able to focus on conversation in a noisy situation.¹¹ To make your hearing experience more comfortable, the signal processing suite in the sound processor also actively works to reduce the unwanted noise around you, so you can focus on the important things.



SmartSound iQ technology is designed to automatically reduce the noise that can make hearing difficult in different environments.¹¹

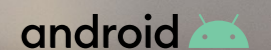


The smallest connections can make the biggest difference

We all rely on technology more than ever before. Whether it's to stream your favourite music or the audio from video chats with friends or family, the Baha 6 Max features connectivity options that can help you connect and interact with the world.

You'll be able to stream directly from compatible* Apple and Android™ devices, so you can catch up with family and friends, listen to your favourite music and stay in touch with your highly connected world.

With the Baha Smart App*, you can change programs, adjust volume or locate your sound processor if it gets misplaced. Download the Baha Smart App in App Store or Google Play.



* The Baha 6 Max is compatible with both Apple and Android devices. The Cochlear Baha Smart App is available on App Store and Google Play. For compatibility information, visit www.cochlear.com/compatibility.

What's the sound of your next adventure?

Baha 6 Max is the hearing solution designed to fit in with your lifestyle. From everyday activities to new adventures, we want you to hear them all.

No matter where life takes you, you want a hearing solution that can keep up with your pace. To help, the Baha 6 Max features a high rating of dust and water protection.*

IP68
Dust & water
protected

* The Cochlear Baha 6 Max Sound Processor, with battery compartment excluded, is dust and water resistant to level IP68 of the International Standard IEC60529. Refer to the relevant user guide for more information.



Small sounds can help children achieve big things

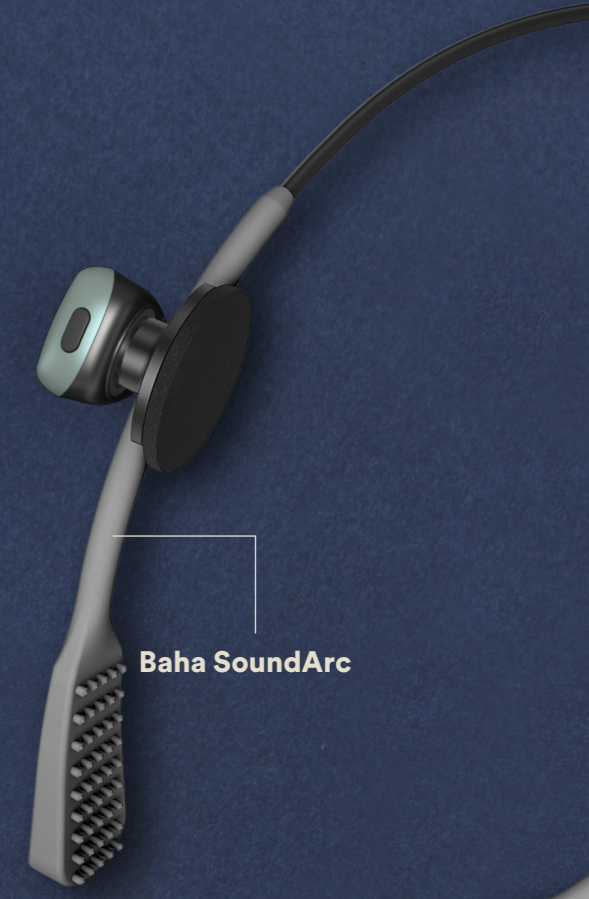
Early access to sound is proven to make a difference in helping children learn, engage and fully experience the richness of their environment.¹²

With Baha Start, your child is able to wear their sound processor on a Baha Softband or SoundArc until they're ready for an implantable solution. Baha Start allows your child to wear one or two sound processors.

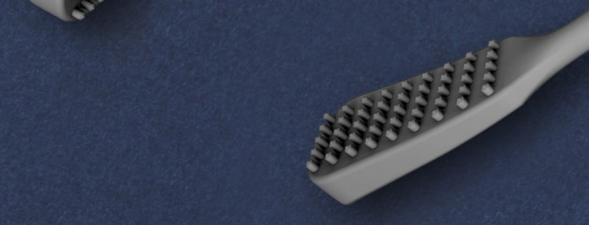
For children every day is an adventure, and as a parent you want to be sure your child is well connected to sound. The Baha 6 Max features multiple functions, created to make it easier for you as a parent to follow your child's hearing.

Using the Baha Smart App, you can easily adjust, monitor and track your child's hearing experience at the touch of a button.

An LED will give you, or your child's teacher for example, reassurance that the sound processor is connected and ready to go. The sound processor is also FM compatible and can connect to wireless devices that can help your child hear better at school for example.



Baha SoundArc



Baha Softband



I'm Anne, and I'm a Baha System recipient


'From a very early age, I faced a challenge when it came to hearing loss. I was born with a fused stapes bone in both ears, and a non-functional eardrum on my right side. Over the years, spanning from the age of three to 30, I underwent middle ear surgery five different times.

The Baha implant procedure was easier than I had anticipated; I was in and out within a day and back to work within a couple of days. Since then, I feel like I have come out of my "cocoon".

With my Baha System, I finally enjoy talking to people again. My family and professional life has improved, and most importantly, my self-confidence has increased dramatically.

So many people don't realise what an asset it is to be able to hear from both ears. When you hear out of one ear, it's harder to hear people call you if they're standing on the wrong side of you. Now, it doesn't matter what side people are on.

I'm happier. I'm active. I'm enjoying other people and living my best life.'



'I feel like I have come out of my "cocoon". With my Baha System, I finally enjoy talking to people again.'

Anne, Baha System recipient



The next step on your hearing journey

The World Health Organization (WHO) says that disabling hearing loss can lead to feelings of loneliness, isolation and frustration.¹³ For children, unaddressed hearing loss can also lead to falling behind in school.¹³ No matter what age you are, if you have disabling hearing loss, WHO recommends early intervention and treatment.¹³

Here's how you can take the next steps in your hearing journey.

Hearing test

You'll meet with a hearing health professional and complete a hearing test. If you are eligible for a bone conduction solution, you will be able to trial the sound processor with Baha Start, which offers a way of hearing through bone conduction before deciding on surgery.

Sound processor fitting

A few weeks after surgery, you'll meet with a hearing health professional to have your sound processor fitted. It will be adjusted to match your hearing needs, and you'll be shown how it works. Then you'll be ready to get out there and start hearing!

Getting an implant

Once you and your hearing health professional have decided to move forward, you'll be scheduled in for a surgical procedure. Baha System surgery is a common procedure that may take as little as 20 minutes⁴, and most patients are back to regular activities within days.

Try hearing through bone conduction with Baha Start before deciding on hearing implant surgery.

With you through every sound

For the last 40 years, we've been working with people just like you and hearing health professionals to transform the way people treat and understand hearing loss. Together, we have been innovating and bringing people all over the globe into the world of sound.

From the start of your hearing journey we are there to support you on your path to better hearing. We also want to invite you to join a supportive and inspiring community of other Cochlear recipients to hear their stories and learn from their experience.

With Cochlear, you'll be supported by global operations in over 180 countries, all over the world.

Join a community of Cochlear recipients all over the world on www.cochlear.com

Hear now. And always

As the global leader in implantable hearing solutions, Cochlear is dedicated to helping people with moderate to profound hearing loss experience a life full of hearing. We have provided more than 600,000 implantable devices, helping people of all ages to hear and connect with life's opportunities.

We aim to give people the best lifelong hearing experience and access to innovative future technologies. We collaborate with leading clinical, research and support networks.

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

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Please seek advice from your health professional about treatments for hearing loss. Outcomes may vary, and your health professional will advise you about the factors which could affect your outcome. Always read the instructions for use. Not all products are available in all countries. Please contact your local Cochlear representative for product information. In Australia, Baha bone conduction implant systems are intended for the treatment of moderate to profound hearing loss.

Views expressed are those of the individual. Consult your health professional to determine if you are a candidate for Cochlear technology. Any testimonial featured is not intended for a New Zealand audience.

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