FOR PROFESSIONALS

Cochlear®
Hear now. And always



Cochlear™ bone conduction solutions

Don’t let your patients miss out

As a healthcare professional, you know the impact that hearing loss can have on the daily lives of your patients. Among the options for treatment, bone conduction (BC) solutions are an effective treatment for patients with conductive hearing loss, mixed hearing loss or single-sided deafness (SSD).

Common aetiologies:

- Chronic otitis media (COM)
- Atresia/microtia
- Cholesteatoma
- Otosclerosis
- Acoustic neuroma

Common challenges:

- Difficulty hearing speech in noise and quiet
- Difficulty picking up surrounding sounds
- Difficulty communicating with people
- Withdrawal from most social activities
- Difficulty wearing hearing aids

3 things to consider

- ✓ Does your patient have an air-bone gap ≥ 30 dB?
- ✓ Does your patient have difficulty wearing and living with hearing aids?
- ✓ Does your patient struggle to hear in noise, despite their current hearing solution or treatment?

Introduce your patients to bone conduction

For most patients or caregivers, the first time they hear about bone conduction will be from you. In that conversation, it's important to assure them that a bone conduction hearing solution uses their natural hearing process, and that the implant system merely enhances this natural process.

Try bone conduction early in the treatment pathway

Just like hearing aids, patients can try bone conduction before they decide to move forward. Do it early in the treatment pathway, to ensure those who can benefit from hearing through bone conduction get the best possible start.

Common questions to expect:

How does it work?

Unlike hearing aids that sit on or in the ear and transmit sound through the air, bone conduction hearing devices sit off the ear and bypass the areas that cause hearing loss.

Are there risks?

There are no medical risks to using our non-surgical Baha Start Solution. As with any surgery, there is a level of risk with a surgical system, but there is no impact to a patient's current hearing and the intervention is reversible.

Bone conduction treatment pathway

When choosing a bone conduction treatment, patients should be informed and carefully counselled on realistic expectations. Before getting an implant system, the patient should have a demonstration and trial using a non-surgical Cochlear™ Baha® Start solution.

Whether the patient is an adult or a child, they can use Baha Start beyond the trial stage to access hearing until they are ready for implantation.



Step 1:
Identification and assessment

Identify the patient as a candidate and assess their needs.

Use Baha Start for in-clinic demonstration, home trial and beyond, to enable hearing until implantation.



Step 2:
Surgery and activation

Address any questions to prepare for surgery and the patient's future with the device.

Fit and adjust sound processor settings to match the patient's needs after surgery.



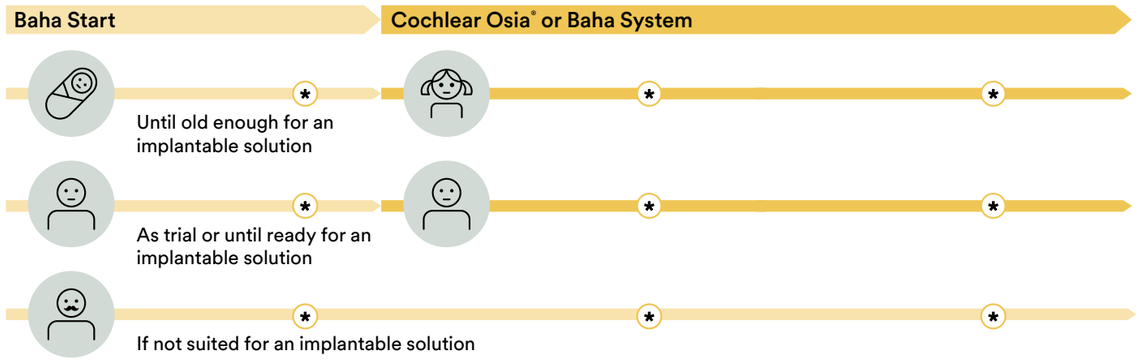
Step 3:
Evaluation and monitoring

Counsel patient to get the most out of their sound processor, any accessories, and Smart App.

Schedule follow-ups to ensure regular monitoring and counselling for ongoing care.

Patient journey

Each patient's journey will be different, based on their age and individual needs. Regular sound processor upgrades are an important part of the journey. Upgrades ensure patients get access to the latest technology as it develops.



* Upgrade of patient's sound processor

What are my options?

Our non-surgical solution

For very young children, it's best to begin with Baha Start to ensure early access to sound for better speech and language development before they are old enough for an implant.

Our premium solution

The Osia System, with its Piezo Power™ technology, is a milestone innovation in bone conduction. The thin implant sits discreetly under the skin without any need for daily skin care. The system aims to address previously unmet patient needs that have been barriers to patients hearing their best.

Our trusted classic

The Baha System is a reliable alternative for patients who require a traditional solution.

When it comes to choosing an implant system, there are a few things that should be considered, including the needs of the patient and the funding alternatives.

Baha® Start page 08	Osia® System page 10	Baha® System page 22
Non-surgical BC system	Active BC implant system	Traditional BC implant system
SoundBand™/SoundArc™	Magnet retained	Abutment or magnet retained
Electromagnetic technology	Piezoelectric technology	Electromagnetic technology
For infants, toddlers, and as a demonstration of bone conduction hearing.	For all patients, from young children to senior adults, who want the latest technology.	For those patients who want the assurance that comes from years of experience.
Up to 65 dB HL*	Up to 55 dB HL	Up to 65 dB HL*
Focused on the full sound environment	Focused on enhanced speech recognition	Focused on clear and natural sound
Comfortable and easy to use	Sleek and cutting-edge	Simple and proven

*Dependent on sound processor. The Baha 5 SuperPower Sound Processor has a fitting range up to 65 db HL.

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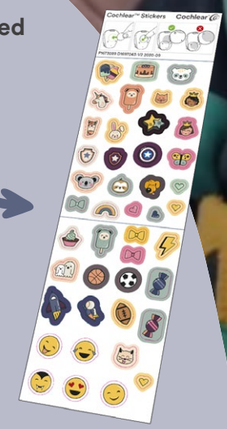
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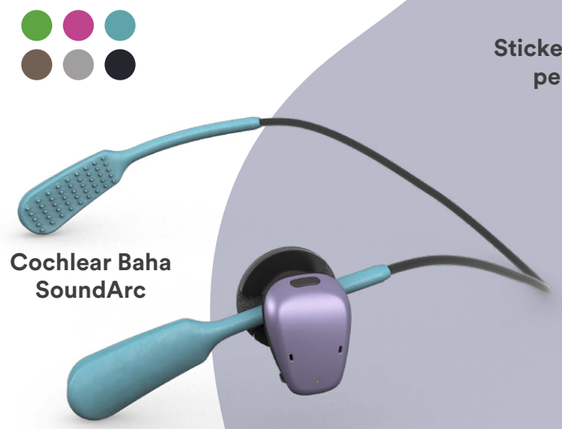
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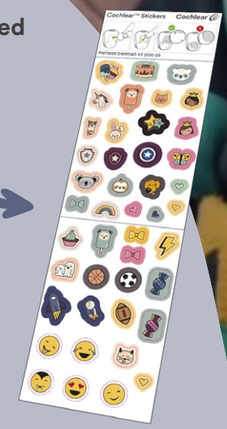
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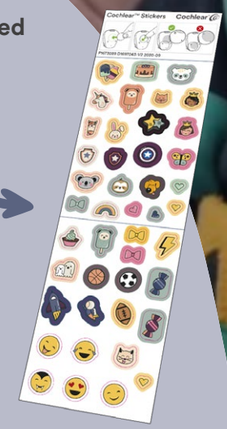
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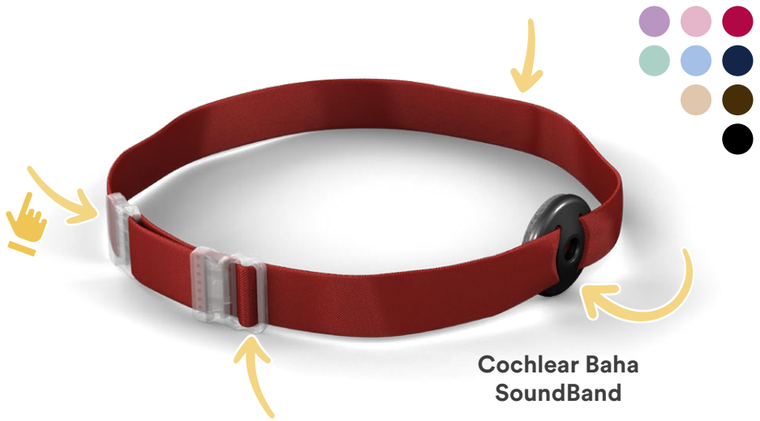
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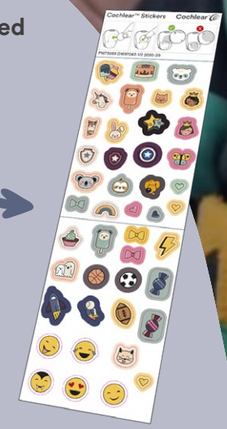
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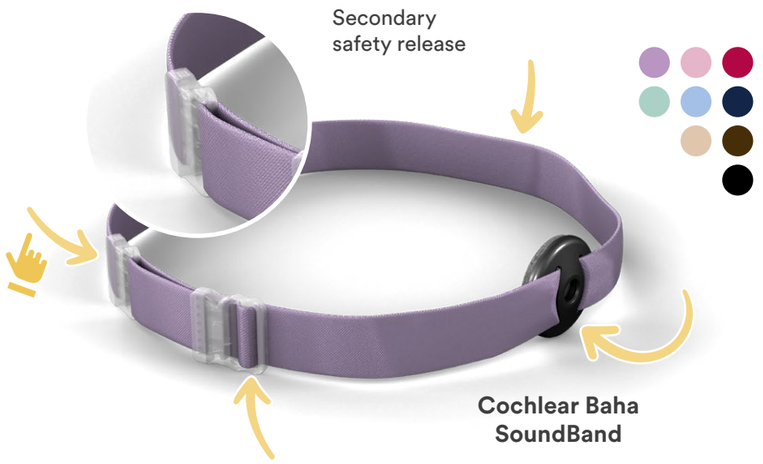
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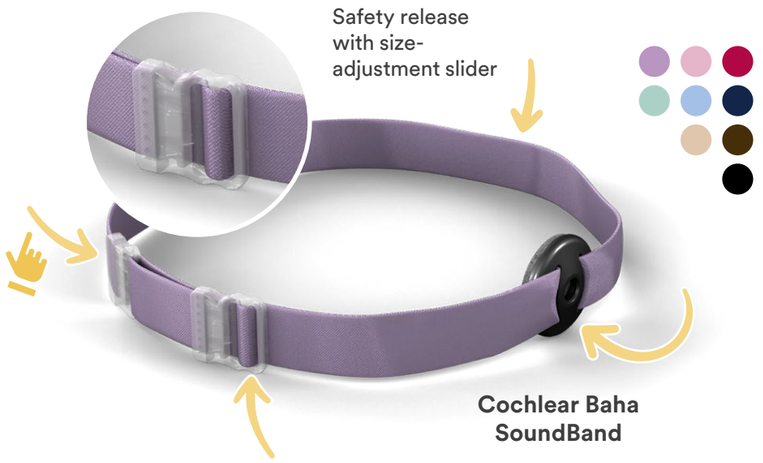
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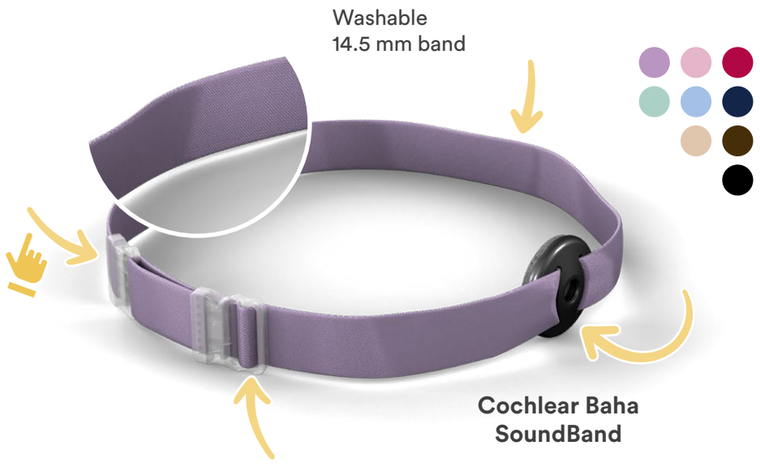
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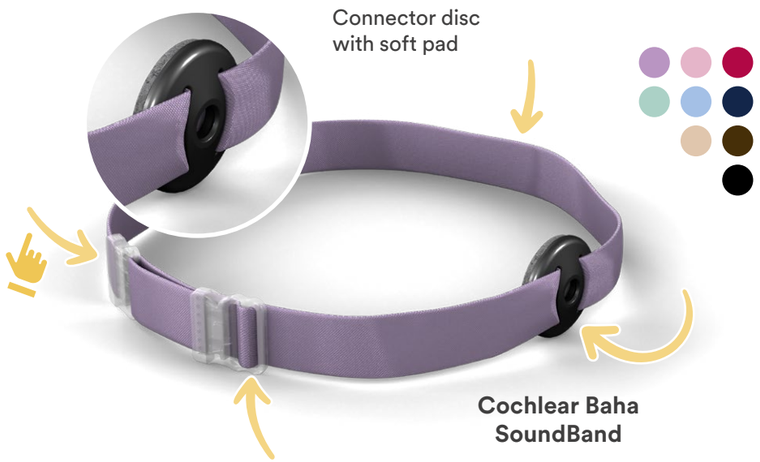
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The whole world is a child's classroom, and parents want to feel sure their child is tuned in, ready to learn and grow. The more confident a child feels wearing their device, the more confident they'll feel exploring the sounds around them.

Baha Start is an easy-to-use bone conduction solution that doesn't require surgery. There are two types of wearable options available: the new Baha SoundBand and the Baha SoundArc. By attaching the powerfully small Baha 7 Sound Processor to either, eligible patients can gain immediate access to sound as early as possible, or as a demo solution for all ages before choosing an implant.

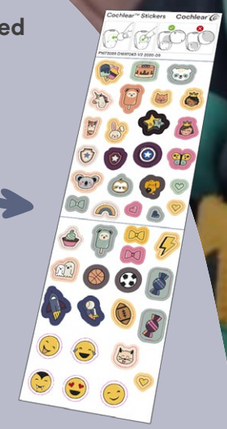
Early access to sound is proven to make a difference in helping children develop language, engage and fully experience the richness of their environment.[1]

The Baha SoundBand is a durable, comfortable solution specifically designed for infants and toddlers who are not yet ready for implantation. It is an effective solution for an infant with conductive hearing loss due to microtia or other aetiology.

The Baha SoundArc is a sleek, stylish and more discreet solution designed to be used by older children or adults usually prior to implantation. Baha SoundArc sits comfortably behind the head and can be used as an evaluation tool of the benefits of bone conduction.









> “One of the biggest advantages, over and above the better hearing, is the independence the Osia System has given him.”
>
> Vicky, mother of Ryan, Osia System recipient

As soon as they are ready for a surgical solution!

As children grow, they are exposed to increasingly complex listening environments. Choosing the best solution for a child’s changing needs is critical to their hearing success.[2] A surgical solution, like the Osia System, provides access to more consistent hearing and better outcomes.[3,4] **We can do better!** Many older children are suitable – yet still miss out on the benefits of a surgical solution.

Why transfer to a surgical solution?

When is the right time for a surgical solution?



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Hearing	Appearance	Activities & sports	Independence



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Hearing	Appearance	Activities & sports	Independence

Surgical bone conduction solutions, like the Osia System and the Baha System, provide clearer, more reliable sound by by avoiding skin attenuation found in non-surgical devices.

This results in better sound quality, stability, and consistency, making implantable systems a superior long-term solution to non-implantable/ non-surgical solutions. The surgical solutions are also more comfortable and easier to wear, ensuring consistent sound access.[5,6]

For children, a surgical solution aids language development, school performance and social development more than non-surgical. Evidence also shows it typically reduces tiredness and improves overall quality of life.[7,8]





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Why transfer to a surgical solution?

When is the right time for a surgical solution?

Hearing	Appearance	Activities & sports	Independence

With a surgical bone conduction solution, children no longer need a band to attach the small, light sound processor.

With an Osia sound processor, children can choose to blend with their hair or complement their outfit with interchangeble covers. The transcutaneous system means the solution is not visible when the processor is removed.





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Why transfer to a surgical solution?

When is the right time for a surgical solution?

Hearing	Appearance	Activities & sports	Independence

Sound processors are drop-tested, robust, and designed to stay on securely, making them a great option for active children. Retention options are available for added peace of mind during sports and other activities. The Osia System offers the optional Aqua+* accessory to help children enjoy water activities.



*The Osia 2(I) Sound Processor is IP57 rated with battery compartment excluded. The Osia 2(I) Sound Processor with Aqua+ is water resistant to level IP68 of the International Standard IEC60529 when used with LR44 alkaline or nickel metal hydride disposable batteries. Refer to the relevant User Guide for more information.



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Why transfer to a surgical solution?

When is the right time for a surgical solution?

Hearing	Appearance	Activities & sports	Independence

For children, addressing hearing loss means they can focus on learning and thriving just like their peers.

The Osia System is easy to use and offers the convenience of a bone conduction system without the need for daily skin maintenance. With minimized feedback, children with the Osia System can comfortably wear a hat, helmet, or other headgear.





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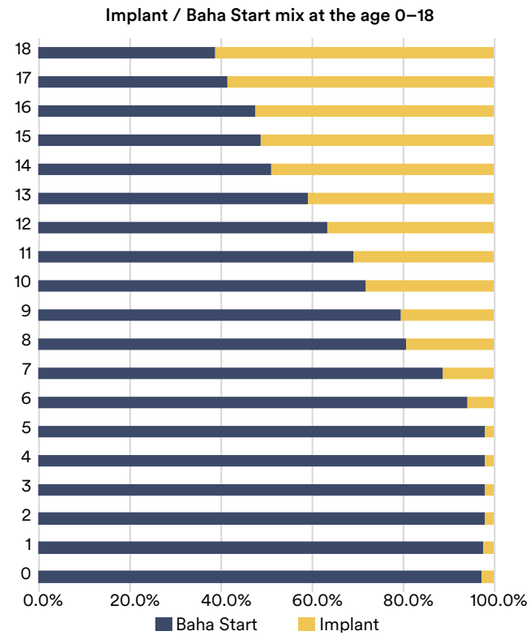
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Why transfer to a surgical solution?

Choosing the best solution for a child’s changing needs is critical to their hearing success as they grow.[2,8] Many may assume that children quickly transition to surgical hearing solutions, but internal data shows otherwise. When children start school, most of them still wear a non-surgical solution that does not fulfill their growing needs.

This delay presents a crucial opportunity to better understand and support children who can benefit from transition earlier. Together we can ensure that they receive the right solution at the right time.

When is the right time for a surgical solution?



The world's most chosen bone conduction system

In just a few years, the **Cochlear Osia System** has become the most chosen bone conduction implant system.** That's because the state-of-the-art solution is designed to give more people access to better hearing by addressing gaps where other bone conduction systems fall short. By improving speech in noise and enabling MRI at 3 T in an attractive solution, we've designed a treatment that hearing health professionals trust and their patients enjoy.



NEW! Only active BC system enabling MRI at 3 T[9,10 †]

High-frequency power and performance[11]

Discreet and easy to use



The Piezo Power™ difference

The Osia System is the only solution to use piezoelectric technology to send sound directly to the cochlea. The advantages of the Piezo Power transducer include its ability to deliver high-frequency power in a slim design, its compatibility for MRI and its reliability over time.[11,12]

* The Cochlear OSI300 Implant is compatible with the Cochlear Osia 2(I) Sound Processor variant.
† The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.
** Based on Cochlear global sales data and estimated market share for the previous financial year.





Retention options for active sports

Direct streaming†

Only 9.4 grams for SP 2, 11.5 grams for SP 2(I)

10.4 mm

Low profile

Dust and moisture resistant*

Stylish design, true convenience

The Osia System's sound processor is designed to fit seamlessly into the busy, active lives of the thousands of people who wear it every day.

Compare the Osia 2(I) Sound Processor to other active bone conduction solutions

Interchangeable colour covers

Aqua+ for water activities*

- Intact skin
- Leaves ear canal open
- Quick to take on and off

In a multi-centre study, Osia System patients used their device for an average 10.6 hours per day.[4]

* The Osia 2 Sound Processor is IP57 rated with battery compartment excluded. The Osia 2 Sound Processor with Aqua+ is water resistant to level IP68 of the International Standard IEC60529 when used with LR44 alkaline or nickel metal hydride disposable batteries. Refer to the relevant User Guide for more information.

† For information regarding the compatibility of Cochlear's Sound Procressors with Apple or Android devices, visit www.cochlear.com/compatibility

Key features	Cochlear Osia 2/2(I) Sound Processor [12]	Competitor A [14]	Competitor B [15]
Water resistance	Yes - IP52, IP57*	Yes - IP57	Yes - IP54 [8]
Covers	5 exchangeable covers	· 6 sound processor color options · No exchangeable covers	23 exchangeable covers
Weight	Osia 2: 9.4 g (with battery and magnet 1) [1] Osia 2 (I): 11.5 g (with battery and 3 T MRI magnet 1) [1]	8.6 g (with battery and magnet 1)	9.3 g (with battery and magnet 1) [8]
SP dimension	· Length - 36 mm · Width - 32 mm · Protrusion - 10.4 mm	· Length - 39 mm · Width - 30 mm · Protrusion - 9 mm	· Length - 36.4 mm [8] · Width - 30.4 mm · Protrusion - 10.2 mm
Swimming accessory	Yes - Aqua+ IP68	No	Yes - WaterWear (IP68) [8]
Mfi (Streaming direct to iPhone)	Yes	Yes	No
LED and Button	Yes	Yes	No
Direct streaming and control with wireless accessories	Yes	Yes	No – needs round the neck dongle

*with battery cavity excluded

Stylish design, true convenience

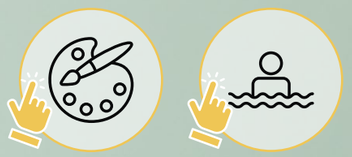
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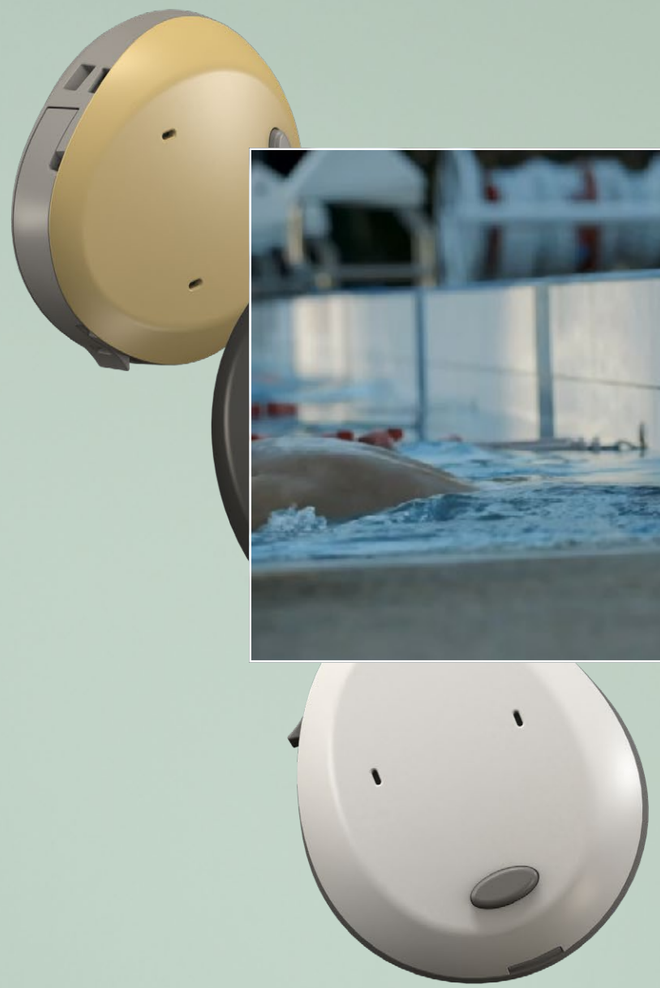
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The Osia® 2 Aqua+ accessory protects the sound processor from water, allowing patients to enjoy water activities with friends and family.

Water resistant up to 3m*

Interchangeable colour covers

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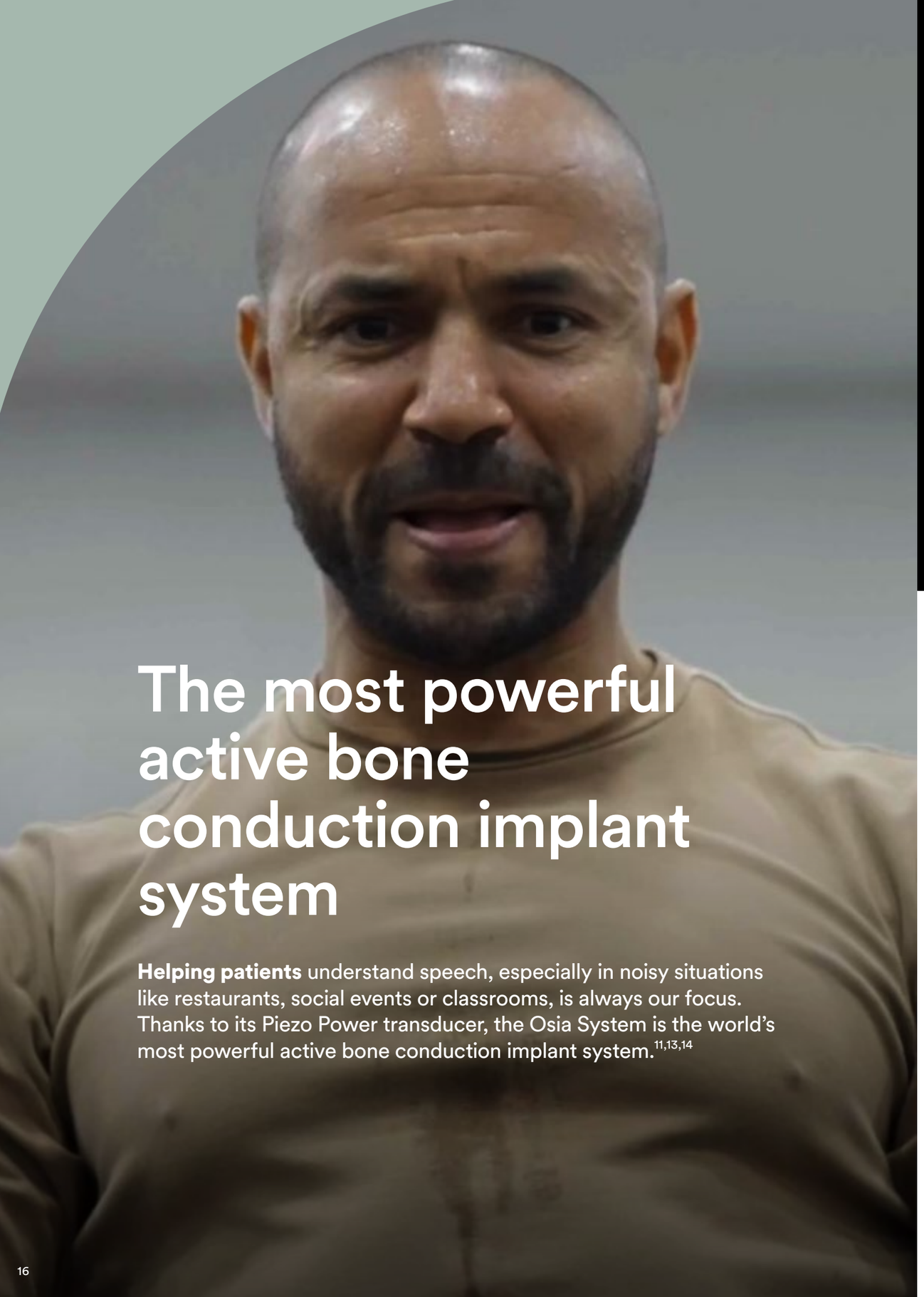
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The most powerful active bone conduction implant system

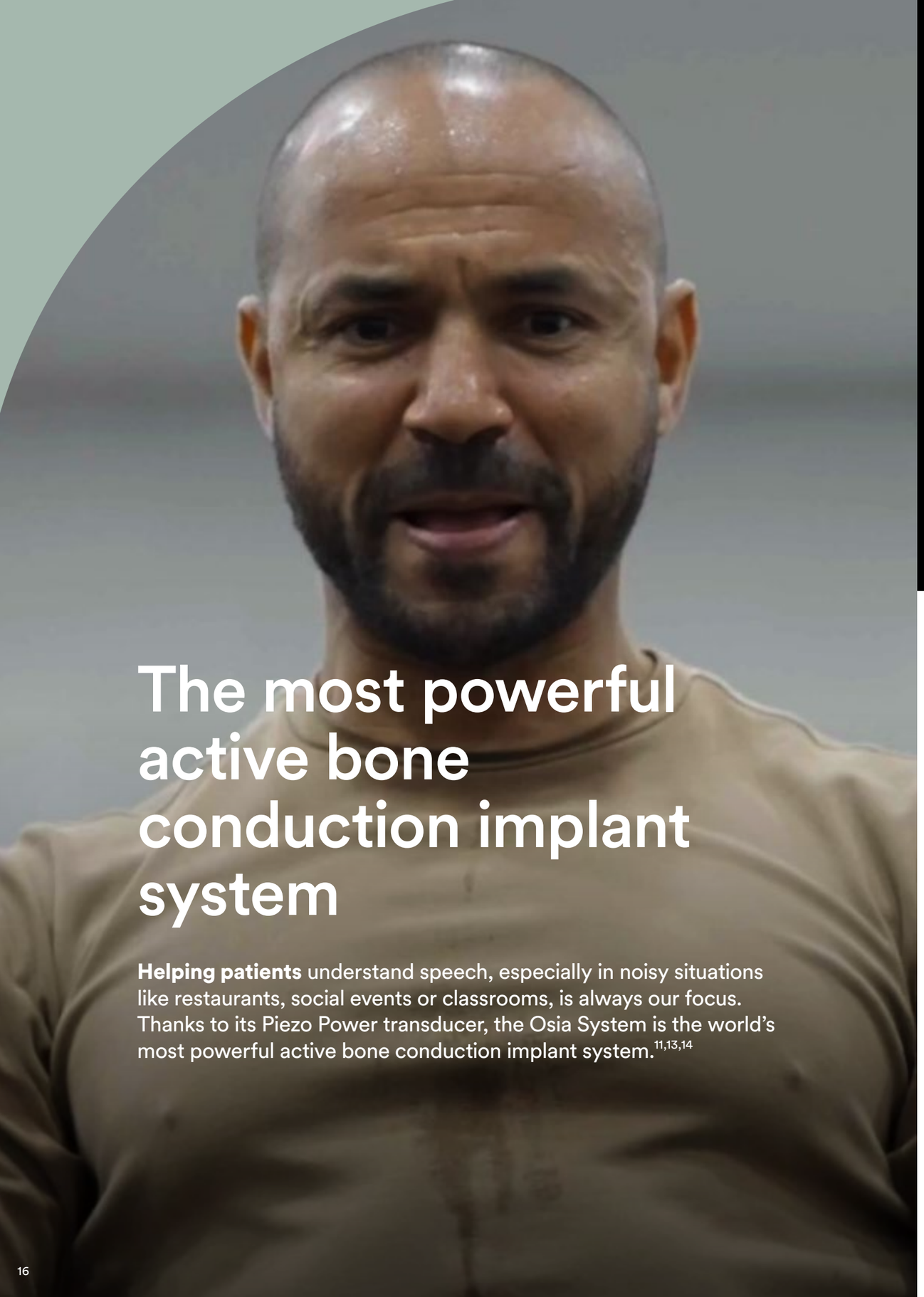
Helping patients understand speech, especially in noisy situations like restaurants, social events or classrooms, is always our focus. Thanks to its Piezo Power transducer, the Osia System is the world's most powerful active bone conduction implant system.[11,13,14]

The powerful Osia Implant [11,13,14]

See the comparison

Why a more powerful implant is always better

- The broad fitting range helps more patients hear better both in quiet and in noise.
- Provides capacity should the patient's hearing loss worsen over time.
- Improved sound quality and speech recognition[16]
- Patient preferred[17]



The most powerful active bone conduction implant system

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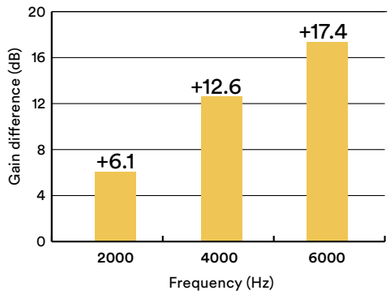
See the comparison

More available gain

Fitting data show that patients using the Osia System have access to an average 12 dB more available gain at high frequencies when compared with patients using a percutaneous bone conduction implant system with an equivalent fitting range.[17]

In addition, the fixed distance between the implant transducer and sound processor microphones limits the risk for feedback.

Additional available gain of the Osia System compared with a percutaneous bone conduction implant system with an equivalent fitting range



The most powerful active bone conduction implant system

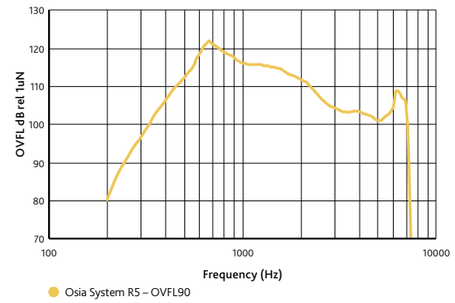
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See the comparison

Piezo Power sensitivity driving high MPO

Average maximum power output equivalent with percutaneous bone conduction implant with same fitting range.[11,18]



The most powerful active bone conduction implant system

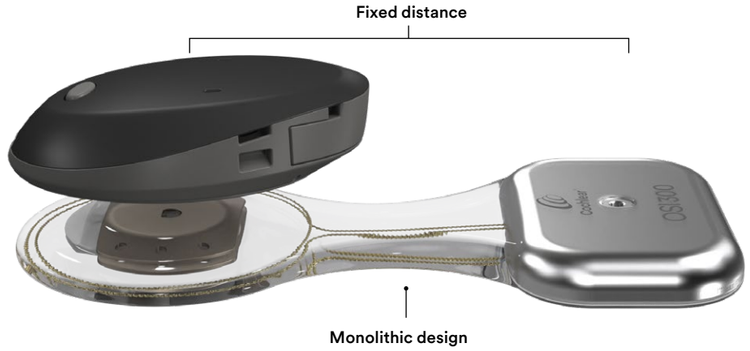
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Minimal feedback risk

Minimal distance between microphones and actuator helps minimise feedback[19,20]



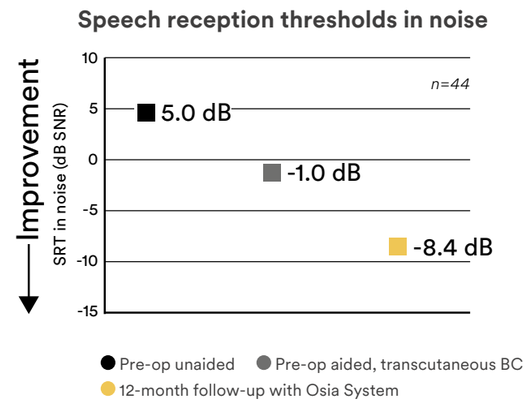
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See the comparison

Improved hearing in noise

In a multi-centre clinical investigation, patients with the Osia System demonstrated an average 7.4 dB improvement to hearing in noise and a significant improvement to hearing in quiet when compared to other BC systems with an equivalent fitting range.[3]



The most powerful active bone conduction implant system

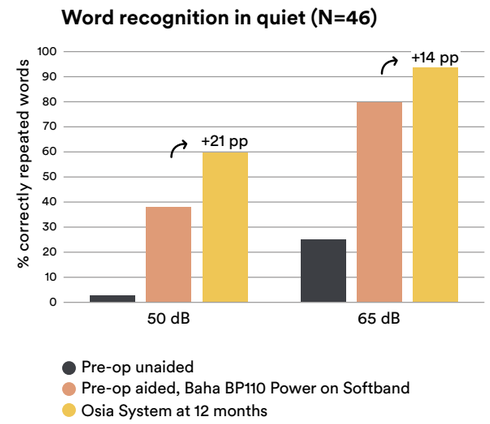
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The powerful Osia Implant [11,13,14]

See the comparison

Excellent speech recognition in quiet

In a global multi-centre study, patients demonstrated a significant improvement in speech recognition in quiet.[7]



See the comparison

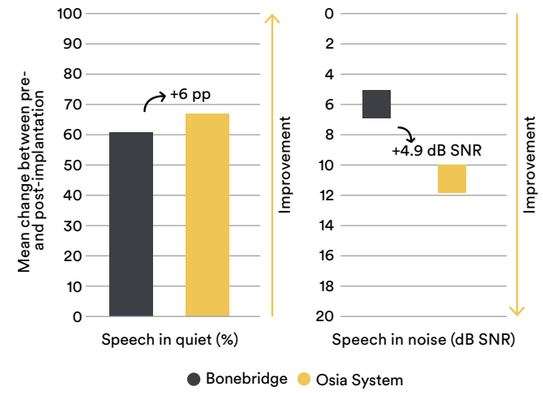
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Best in hearing performance

In a literature review, the Osia System is shown to outperform other active bone conduction systems in key performance measures*.[19]

*Data from published studies reporting on adult recipients with mixed or conductive hearing loss. Speech in quiet: Osia System N=55, Bonebridge N=160. Speech in noise: Osia System N=10, Bonebridge N=107



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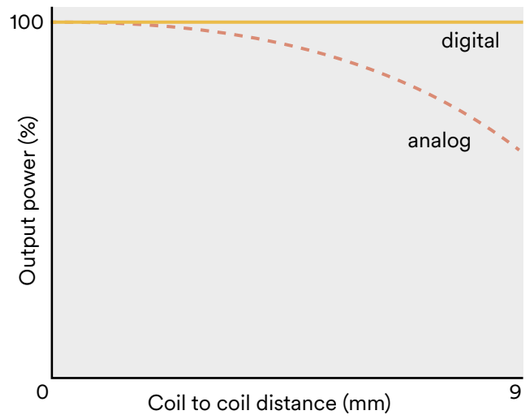
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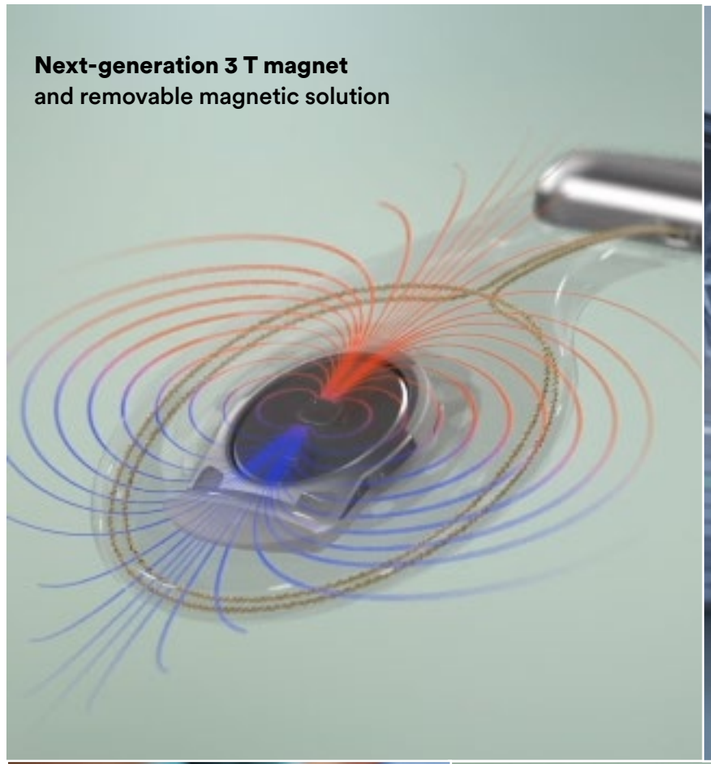
See the comparison

Delivering all the power, all the time

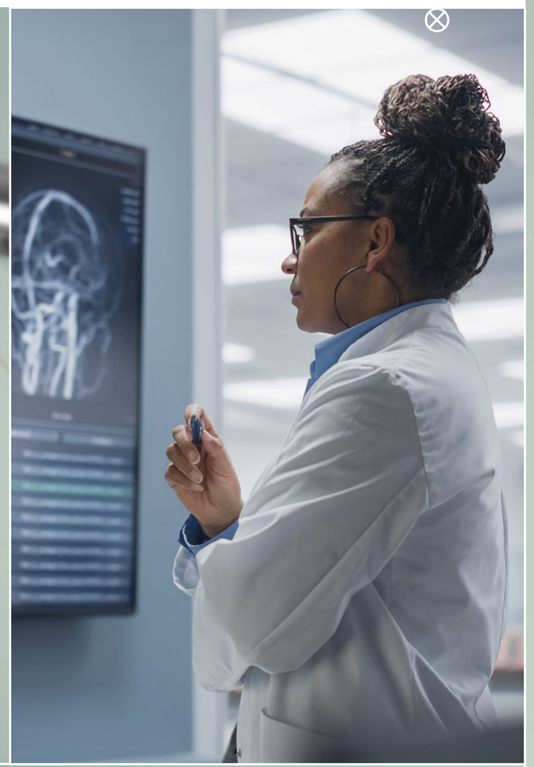
The Osia System is the only active BC system with a digital link that delivers a 100% consistent and strong signal* without risk of interference.[22]

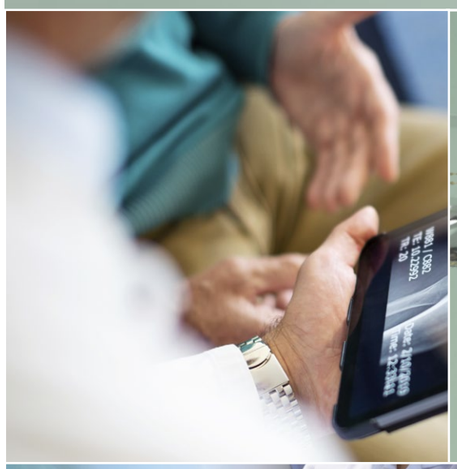
*Up to 9 mm skin flap thickness



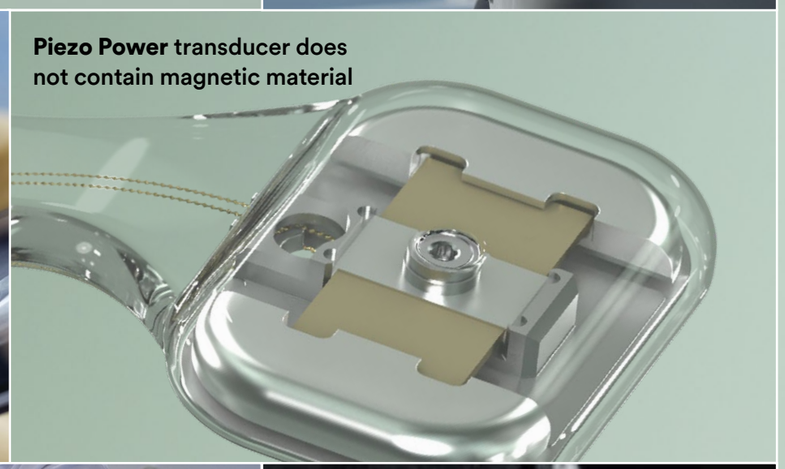


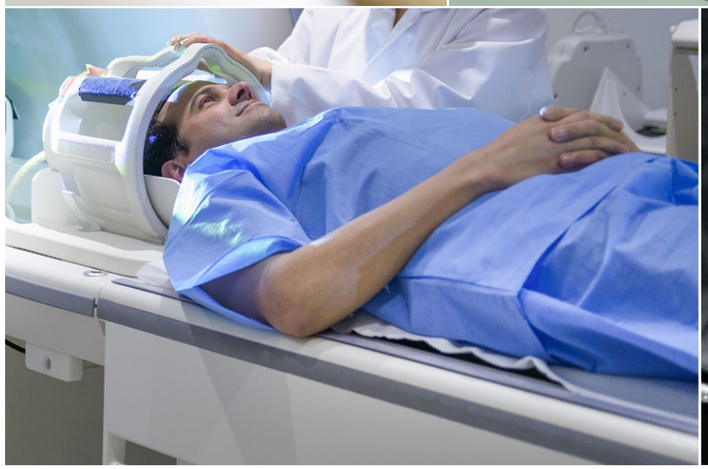
Next-generation 3 T magnet
and removable magnetic solution

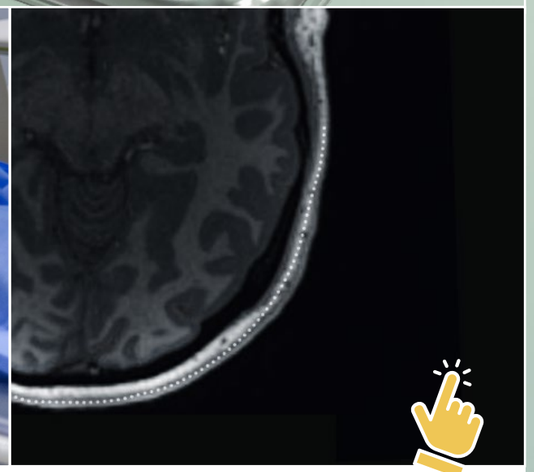




Piezo Power transducer does
not contain magnetic material







Removing barriers to 3 Tesla MRI

Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

Peace of mind with the Osia System

Access to 3 T MRI	Patient relief	Improved visibility	No degradation

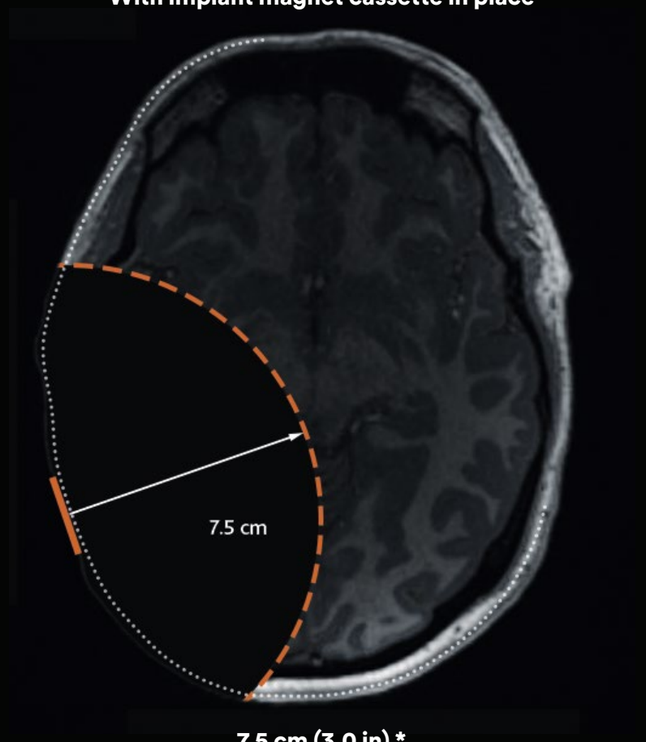
Only active bone conduction system to enable MRI at 3 T.[9]

* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

OSI300 Implant and 1.5 T scans with MARS sequence

In non-clinical testing, the maximum image artefact caused by the OSI300 Implant when imaged with a Metal Artefact Reduction Sequence scan in the axial plane is as follows:

With implant magnet cassette in place



7.5 cm (3.0 in) *

Maximum image artefact from center at 1.5 T (MARS sequence).

OSI300 Implant MRI Safety Verification Report - Artefact. Cochlear Limited, Australia. 2023; D2080940.
*Maximum image artefact from center at 1.5 T (MARS sequence)

Removing barriers to 3 Tesla MRI

Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

Peace of mind with the Osia System

Access to 3 T MRI	Patient relief	Improved visibility	No degradation

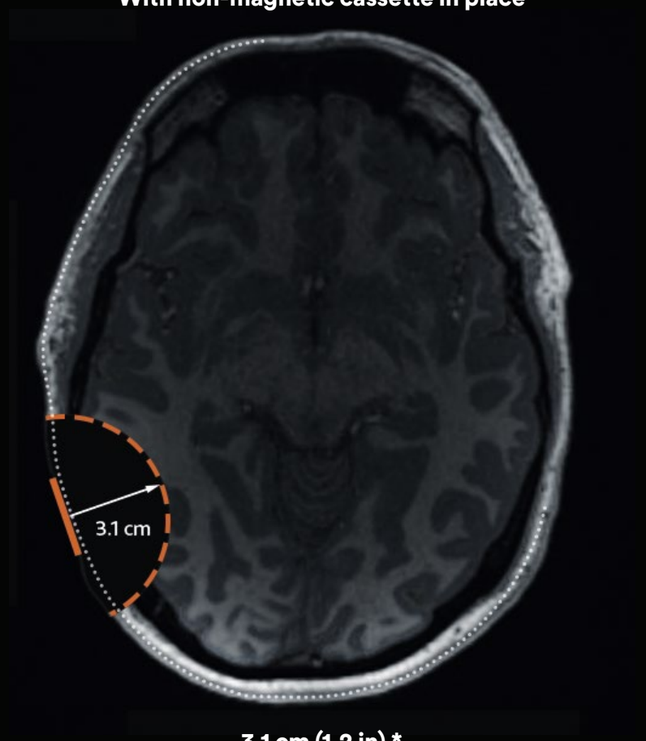
Only active bone conduction system to enable MRI at 3 T.[9]

* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

OSI300 Implant and 1.5 T scans with MARS sequence

In non-clinical testing, the maximum image artefact caused by the OSI300 Implant when imaged with a Metal Artefact Reduction Sequence scan in the axial plane is as follows:

With non-magnetic cassette in place



3.1 cm (1.2 in) *

Maximum image artefact from center at 1.5 T (MARS sequence).

OSI300 Implant MRI Safety Verification Report - Artefact. Cochlear Limited, Australia. 2023; D2080940.
*Maximum image artefact from center at 1.5 T (MARS sequence)

Removing barriers to 3 Tesla MRI

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Peace of mind with the Osia System

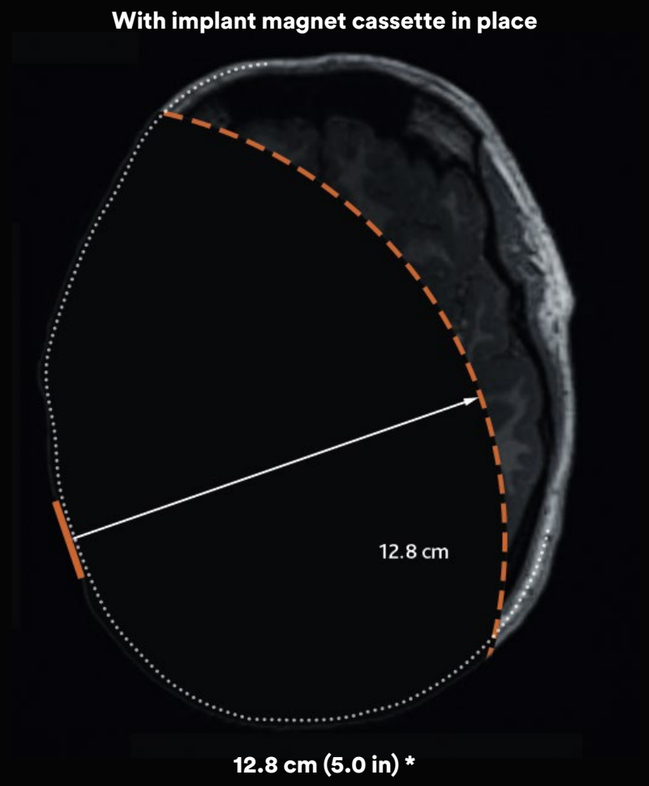
Access to 3 T MRI	Patient relief	Improved visibility	No degradation

Only active bone conduction system to enable MRI at 3 T.[9]

* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

OSI300 Implant and 1.5 T scans with gradient echo sequence

In non-clinical testing, the maximum image artefact caused by the OSI300 Implant when imaged with a gradient echo pulse sequence scan in the axial plane is as follows:



Maximum image artefact from center at 1.5 T (gradient echo sequence).

OSI300 Implant MRI Safety Verification Report - Artefact. Cochlear Limited, Australia. 2023; D2080940.
*Maximum image artefact from center at 1.5 T (when imaged with a gradient echo pulse sequence scan in the axial plane) (MARS sequence)

Removing barriers to 3 Tesla MRI

Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

Peace of mind with the Osia System

Access to 3 T MRI	Patient relief	Improved visibility	No degradation

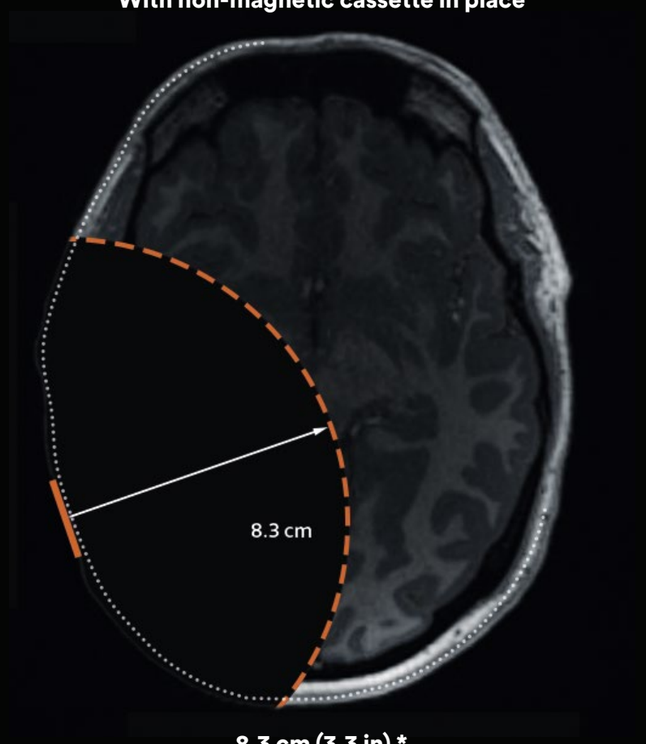
Only active bone conduction system to enable MRI at 3 T.[9]

* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

OSI300 Implant and 1.5 T scans with gradient echo sequence

In non-clinical testing, the maximum image artefact caused by the OSI300 Implant when imaged with a gradient echo pulse sequence scan in the axial plane is as follows:

With non-magnetic cassette in place



8.3 cm (3.3 in) *

Maximum image artefact from center at 1.5 T (gradient echo sequence).

OSI300 Implant MRI Safety Verification Report - Artefact. Cochlear Limited, Australia. 2023; D2080940.
*Maximum image artefact from center at 1.5 T (when imaged with a gradient echo pulse sequence scan in the axial plane) (MARS sequence)

Removing barriers to 3 Tesla MRI

Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

Peace of mind with the Osia System

Access to 3 T MRI	Patient relief	Improved visibility	No degradation

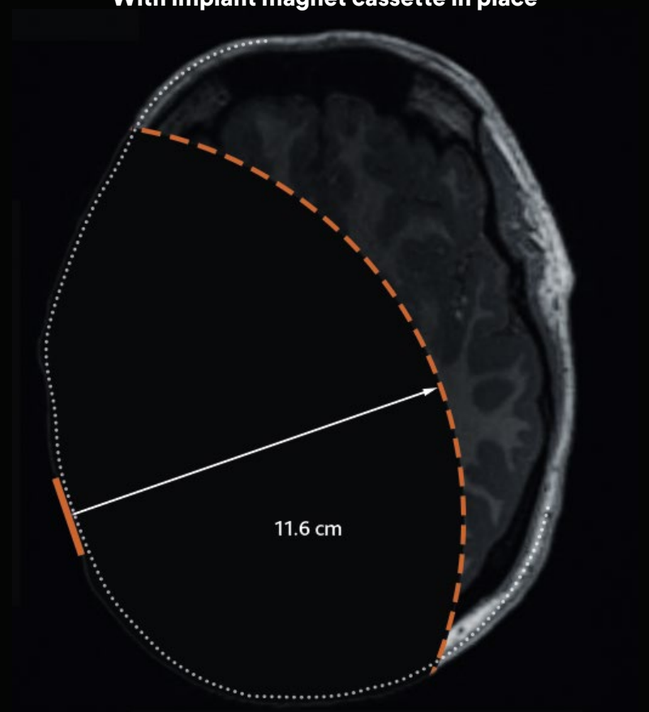
Only active bone conduction system to enable MRI at 3 T.[9]

* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

OSI300 Implant and 3 T scans with gradient echo sequence

In non-clinical testing, the maximum image artefact caused by the OSI300 Implant when imaged with a gradient echo pulse sequence scan in the axial plane is as follows:

With implant magnet cassette in place



11.6 cm (4.6 in) **

Maximum image artefact from center at 3 T (gradient echo sequence).

OSI300 Implant MRI Safety Verification Report - Artefact. Cochlear Limited, Australia. 2023; D2080940.
**Maximum image artefact from center at 3 T (when imaged with a gradient echo pulse sequence scan in the axial plane)

Removing barriers to 3 Tesla MRI

Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

Peace of mind with the Osia System

Access to 3 T MRI	Patient relief	Improved visibility	No degradation

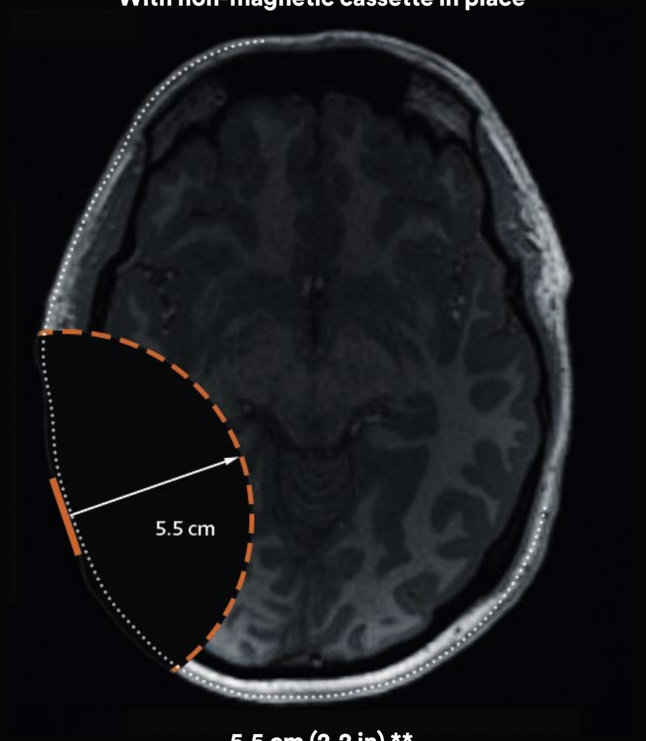
Only active bone conduction system to enable MRI at 3 T.[9]

* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

OSI300 Implant and 3 T scans with gradient echo sequence

In non-clinical testing, the maximum image artefact caused by the OSI300 Implant when imaged with a gradient echo pulse sequence scan in the axial plane is as follows:

With non-magnetic cassette in place



5.5 cm (2.2 in) **

Maximum image artefact from center at 3 T (gradient echo sequence).

OSI300 Implant MRI Safety Verification Report - Artefact. Cochlear Limited, Australia. 2023; D2080940.
**Maximum image artefact from center at 3 T (when imaged with a gradient echo pulse sequence scan in the axial plane)

Removing barriers to 3 Tesla MRI

Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

Peace of mind with the Osia System

Access to 3 T MRI	Patient relief	Improved visibility	No degradation

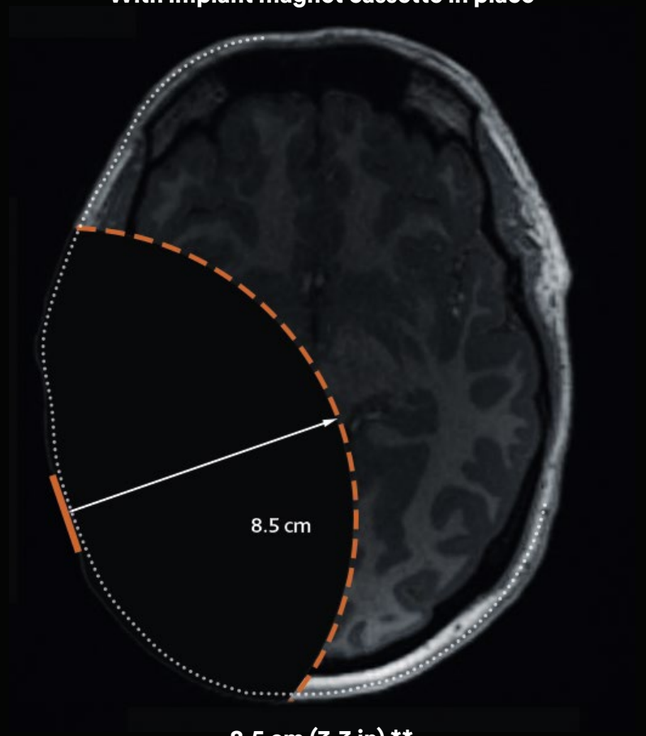
Only active bone conduction system to enable MRI at 3 T.[9]

* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

OSI300 Implant and 3 T scans with MARS sequence

In non-clinical testing, the maximum image artefact caused by the OSI300 Implant when imaged with a Metal Artefact Reduction Sequence scan in the axial plane is as follows:

With implant magnet cassette in place



8.5 cm (3.3 in) **

Maximum image artefact from center at 3 T (MARS sequence)

OSI300 Implant MRI Safety Verification Report - Artefact. Cochlear Limited, Australia. 2023; D2080940.
**Maximum image artefact from center at 3 T (MARS sequence)

Removing barriers to 3 Tesla MRI

Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

Peace of mind with the Osia System

Access to 3 T MRI	Patient relief	Improved visibility	No degradation

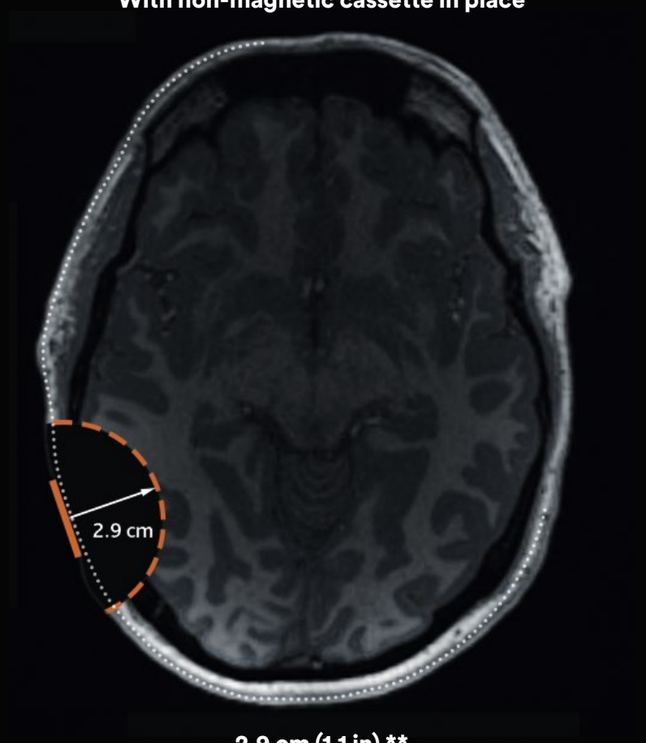
Only active bone conduction system to enable MRI at 3 T.[9]

* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

OSI300 Implant and 3 T scans with MARS sequence

In non-clinical testing, the maximum image artefact caused by the OSI300 Implant when imaged with a Metal Artefact Reduction Sequence scan in the axial plane is as follows:

With non-magnetic cassette in place



2.9 cm (1.1 in) **

Maximum image artefact from center at 3 T (MARS sequence)

OSI300 Implant MRI Safety Verification Report - Artefact. Cochlear Limited, Australia. 2023; D2080940.
**Maximum image artefact from center at 3 T (MARS sequence)

Removing barriers to 3 Tesla MRI

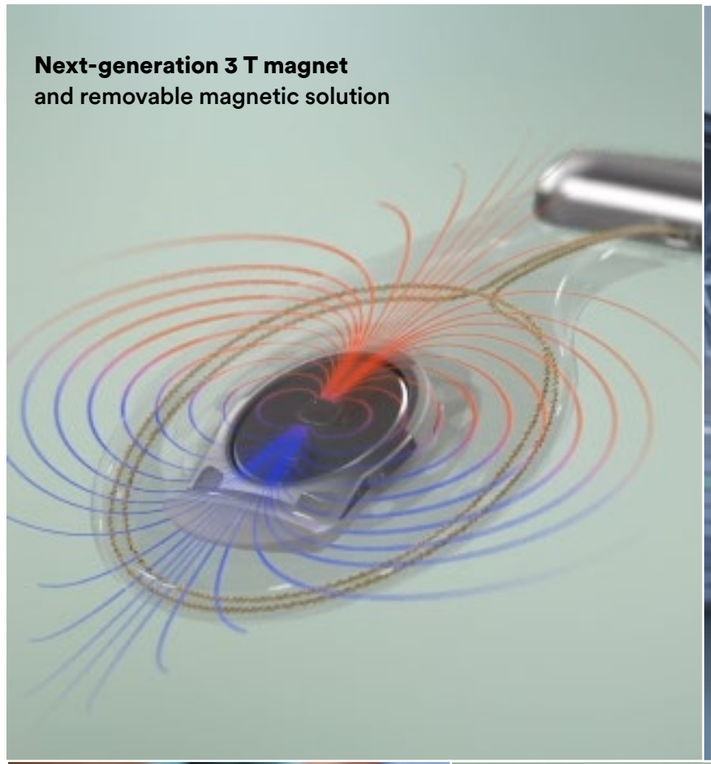
Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

Peace of mind with the Osia System

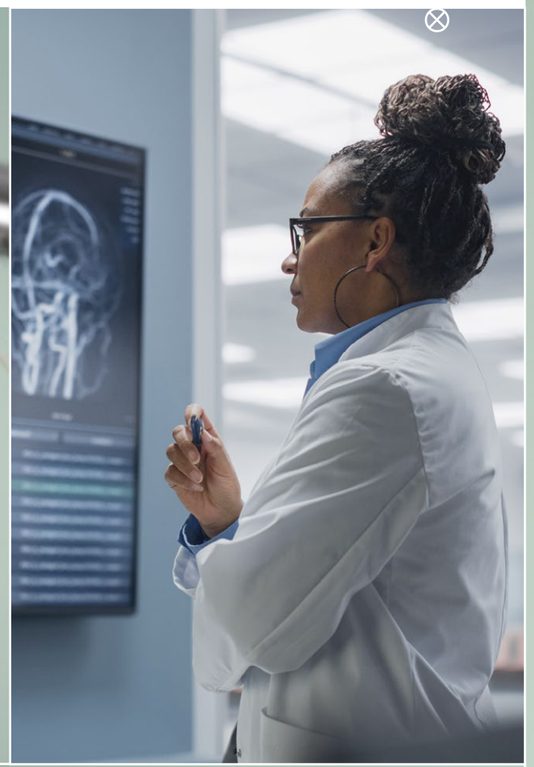
Access to 3 T MRI	Patient relief	Improved visibility	No degradation

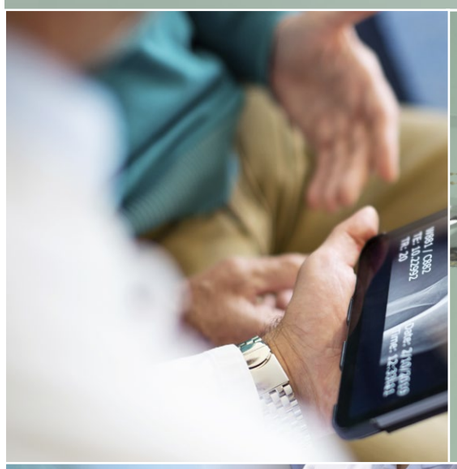
Only active bone conduction system to enable MRI at 3 T.[9]

* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

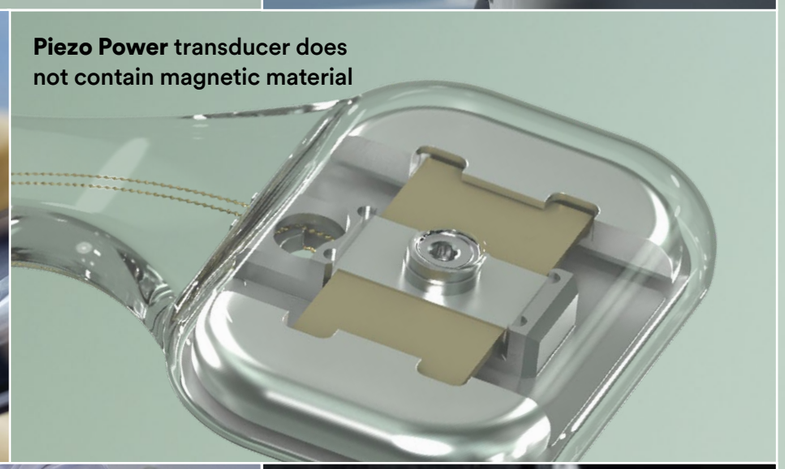


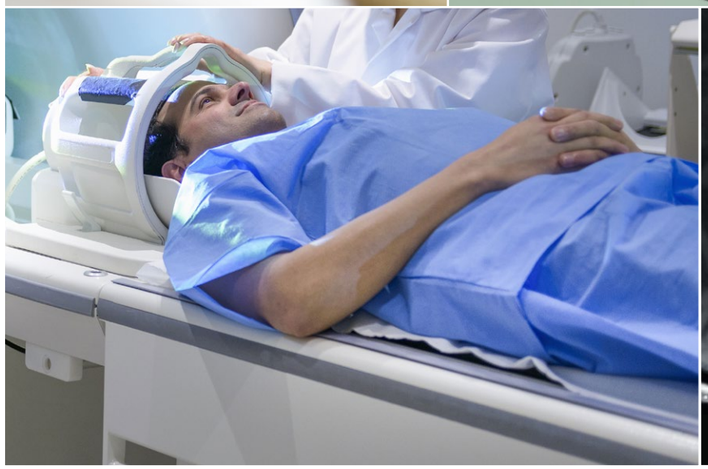
Next-generation 3 T magnet
and removable magnetic solution

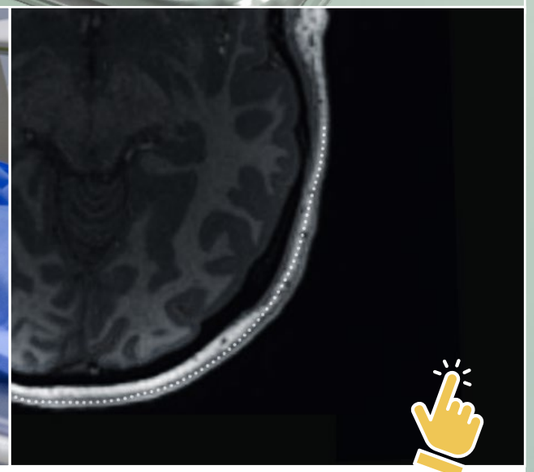




Piezo Power transducer does
not contain magnetic material







Removing barriers to 3 Tesla MRI

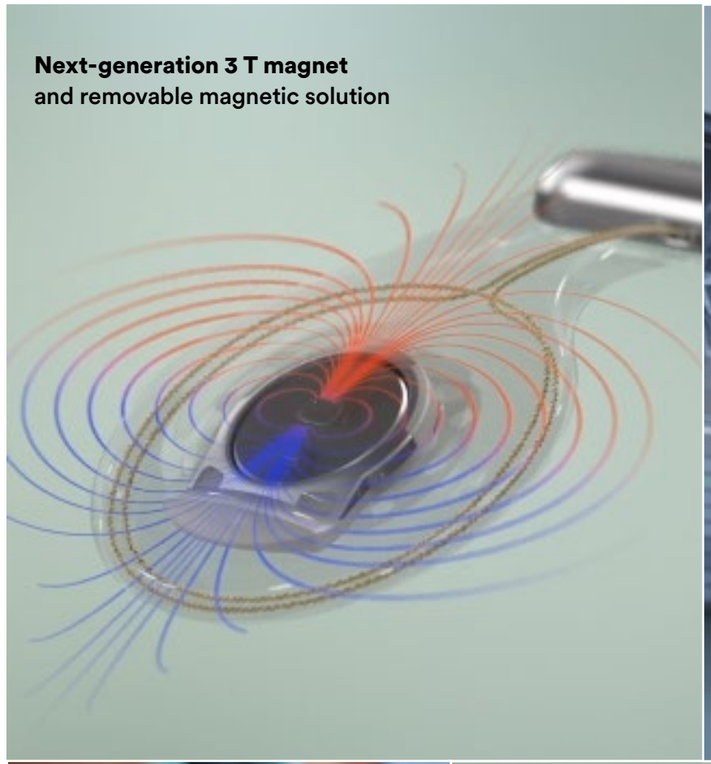
Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

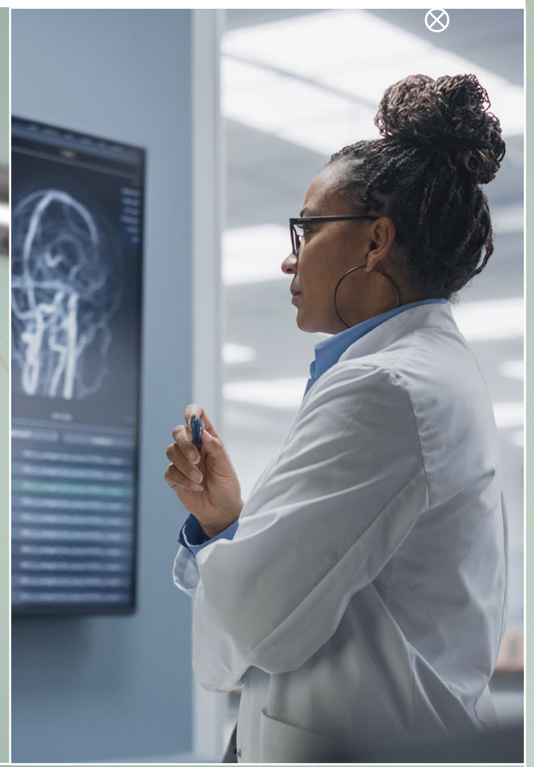
Peace of mind with the Osia System

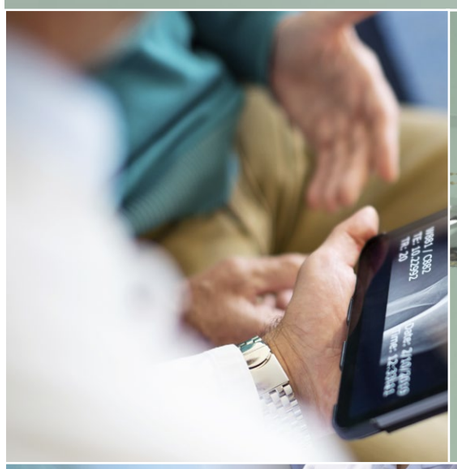
Access to 3 T MRI	Patient relief	Improved visibility	No degradation

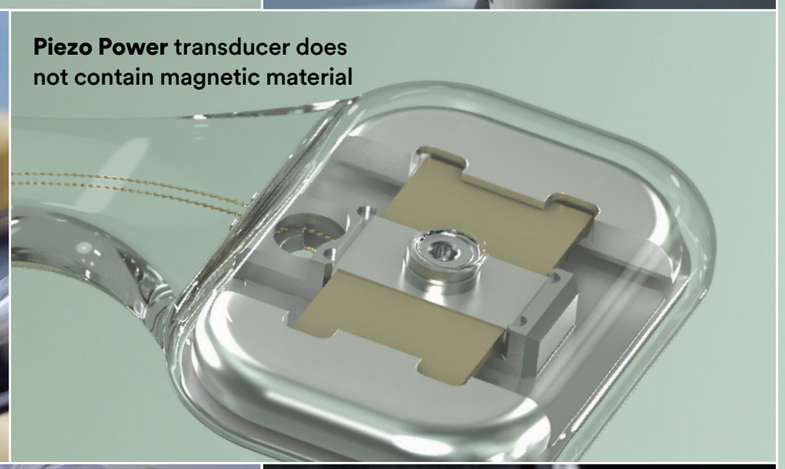
Only active bone conduction system to enable MRI at 3 T.[9]

* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

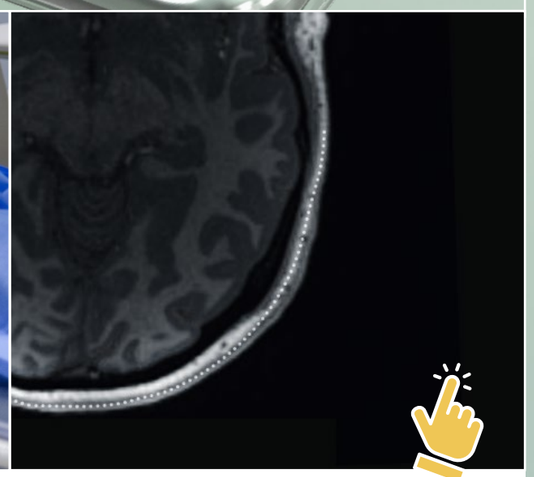












Removing barriers to 3 Tesla MRI

Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

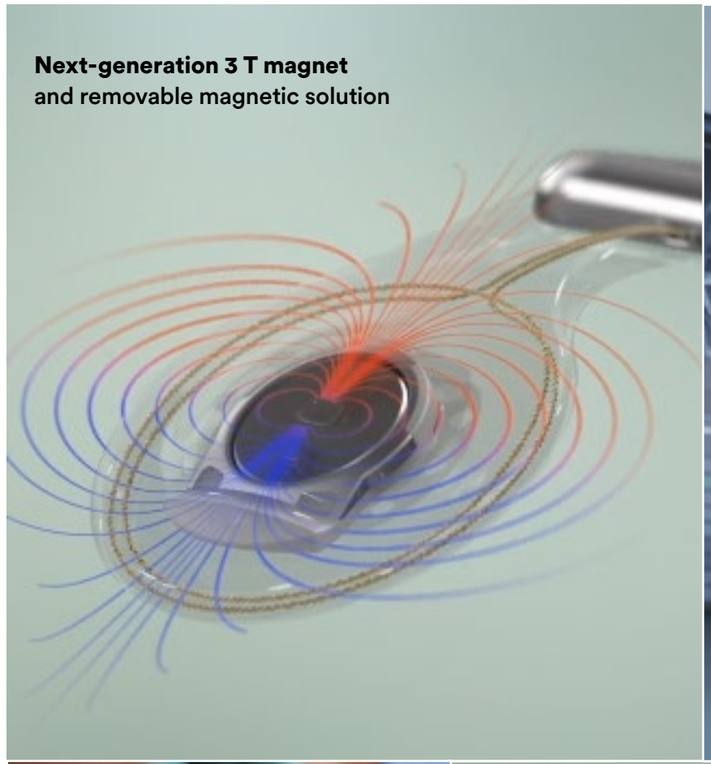
Peace of mind with the Osia System

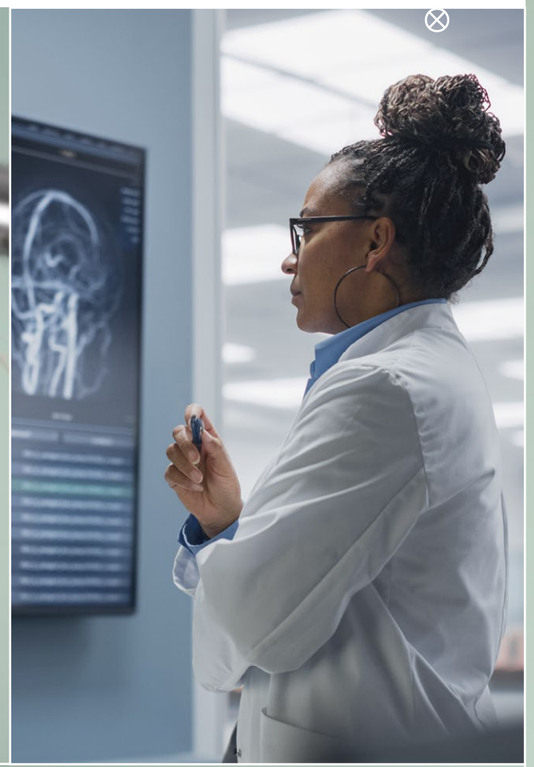
Access to 3 T MRI	Patient relief	Improved visibility	No degradation

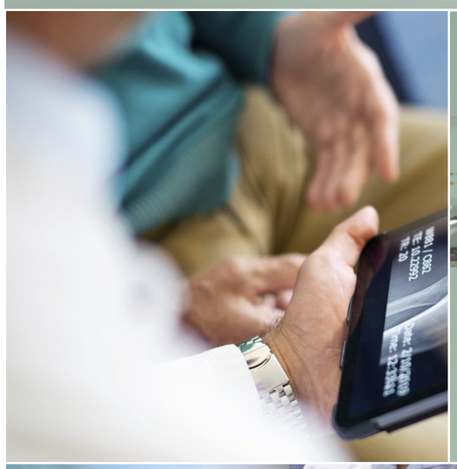
Patients do not always know what strength their MRI scan will be when they need one, and higher-strength 3 T scanning is the gold-standard for diagnosing conditions like prostate cancer and breast cancer. The OSI300 ensures that your patients can safely receive MRI testing at the most common MRI strengths.

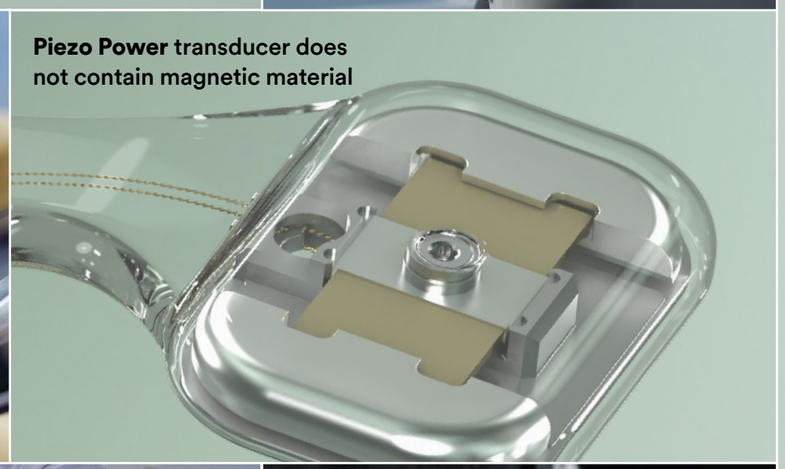
Only active bone conduction system to enable MRI at 3 T.[9]

* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

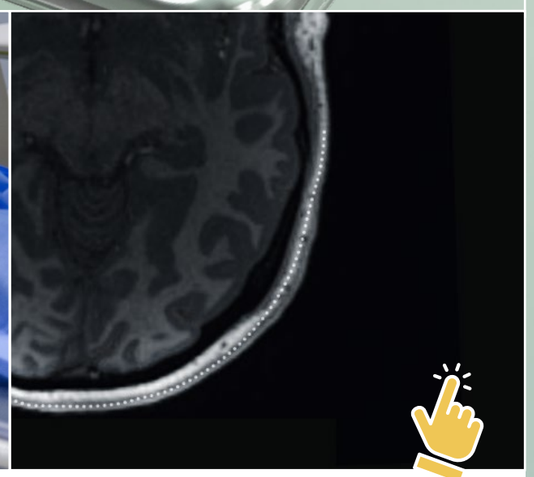












Removing barriers to 3 Tesla MRI

Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

Peace of mind with the Osia System

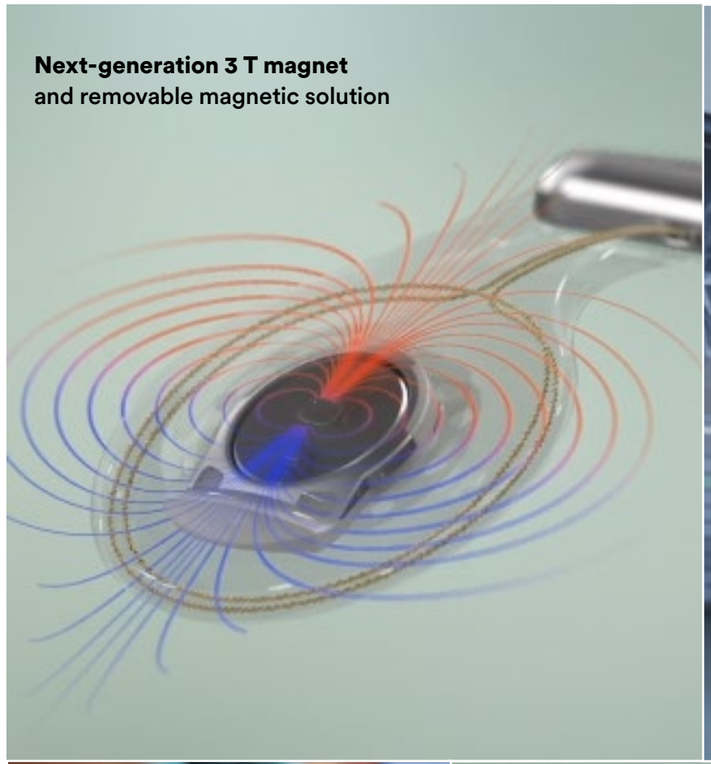
Access to 3 T MRI	Patient relief	Improved visibility	No degradation

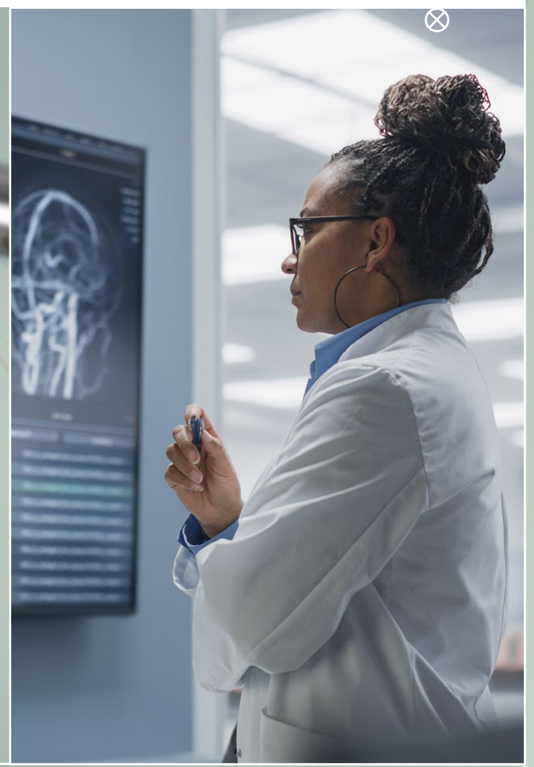
Unlike any other active bone conduction system, your patients can undergo MR scanning at both 1.5 T and 3 T with implant and magnet in place.

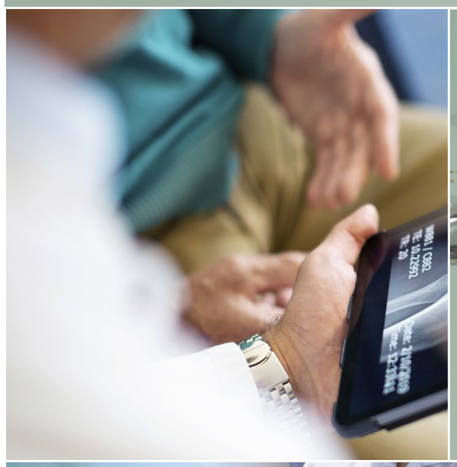
This means patients do not need to undergo another surgery for access to high resolution MRI.

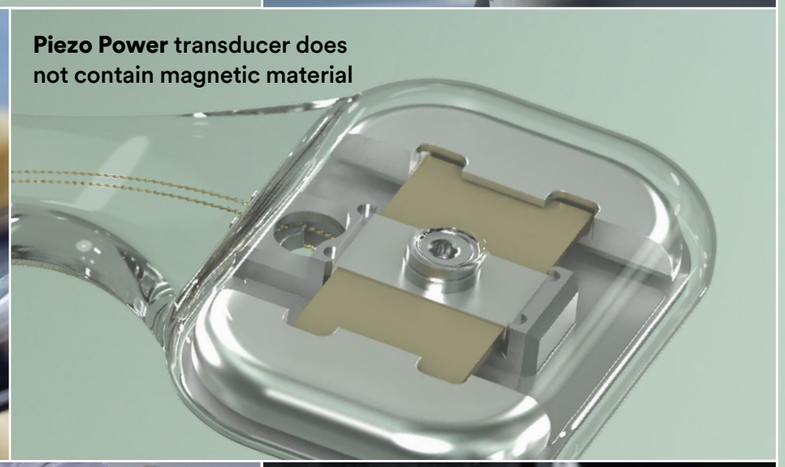
Only active bone conduction system to enable MRI at 3 T.[9]

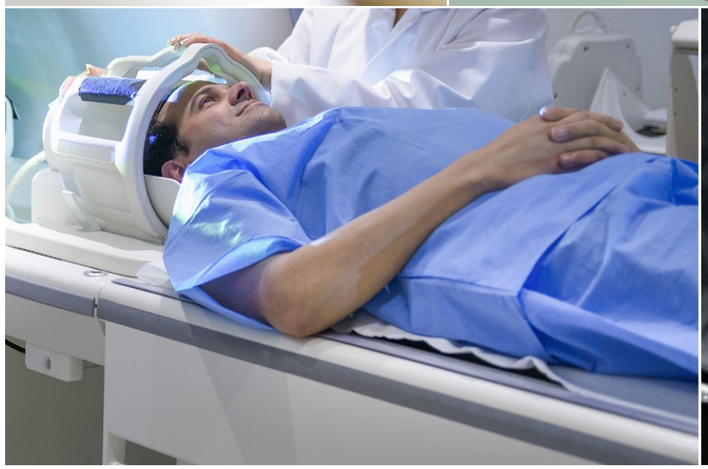
* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

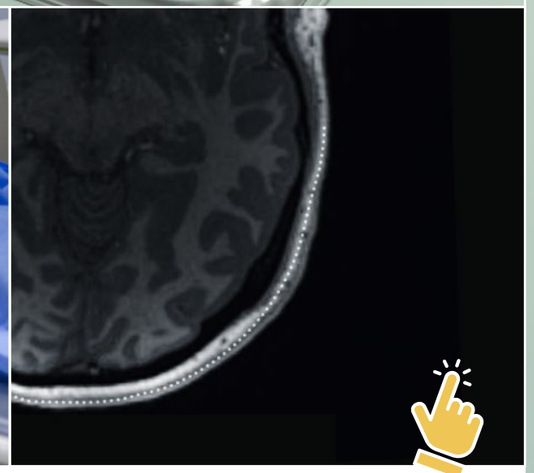












Removing barriers to 3 Tesla MRI

Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

Peace of mind with the Osia System

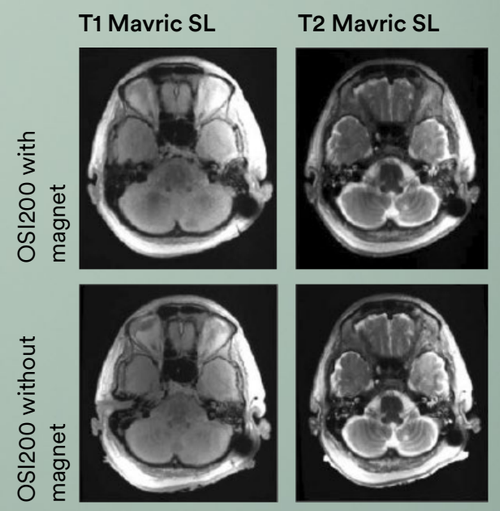
Access to 3 T MRI	Patient relief	Improved visibility	No degradation

The Piezo Power transducer contains no magnetic material, which means it has a smaller image artefact than electromagnetic transducers.

If necessary, the implant magnet can be easily removed via minimal invasive surgery to further reduce the artefact.

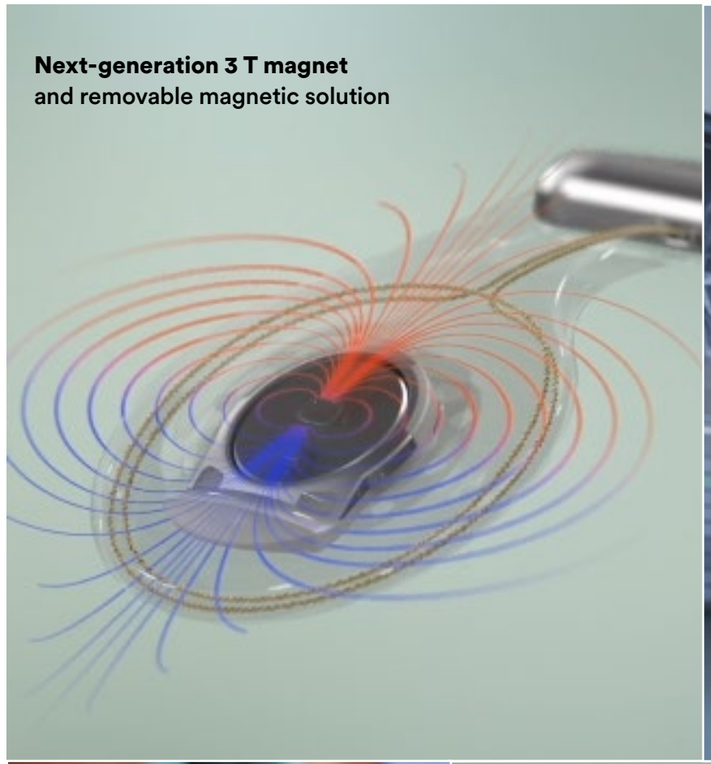
Diagnostic-quality imaging of cranial structures without removing the magnet.

In a recent study, the Metal-artefact reduction FSE technique (T1 MAVRIC SL) significantly reduced magnet and implant artifacts, ensuring all anatomical structures were diagnostic.[23]

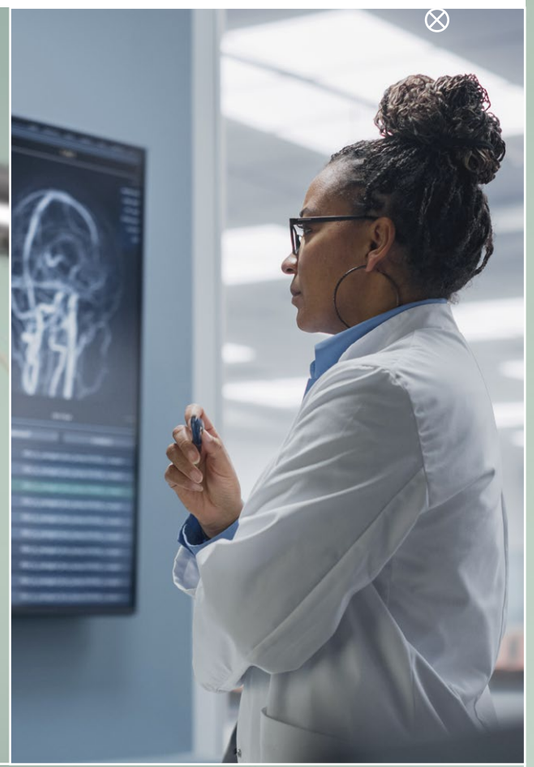


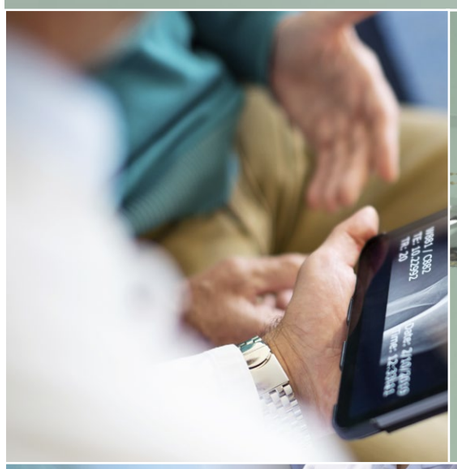
Only active bone conduction system to enable MRI at 3 T.[9]

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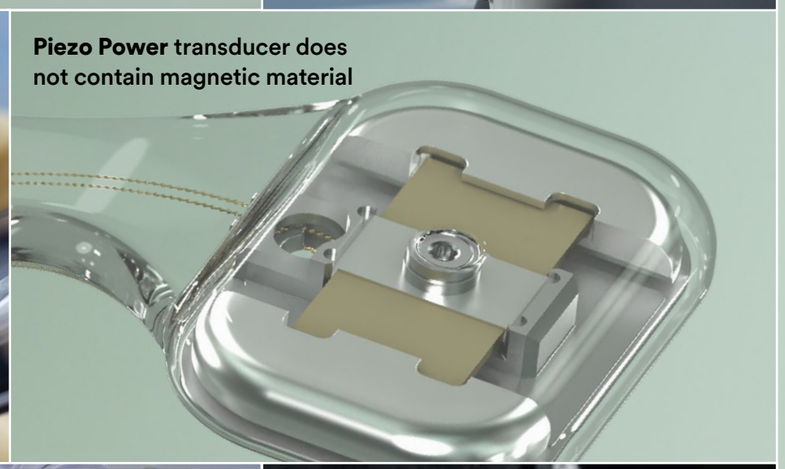


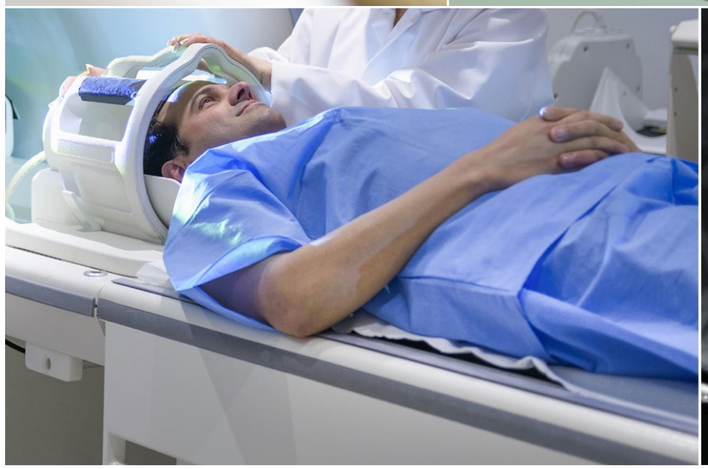
Next-generation 3 T magnet
and removable magnetic solution

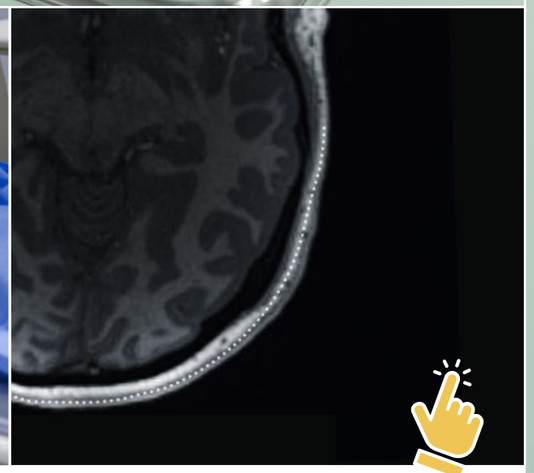




Piezo Power transducer does
not contain magnetic material







Removing barriers to 3 Tesla MRI

Most people can expect to undergo an MRI at some point in their lifetime, and having a hearing implant shouldn't get in the way.
Patients who choose the Osia System today can be safely examined with MRI at both 1.5 T and 3 T and without the risk of implant degradation.

Peace of mind with the Osia System

Access to 3 T MRI	Patient relief	Improved visibility	No degradation

Unlike active bone conduction systems using electromagnetic transducers, the performance of the Osia implant remains consistent after MR exposure.

This means no degradation of the implant, and no impact to hearing performance for the patient.[24,25]

Only active bone conduction system to enable MRI at 3 T.[9]

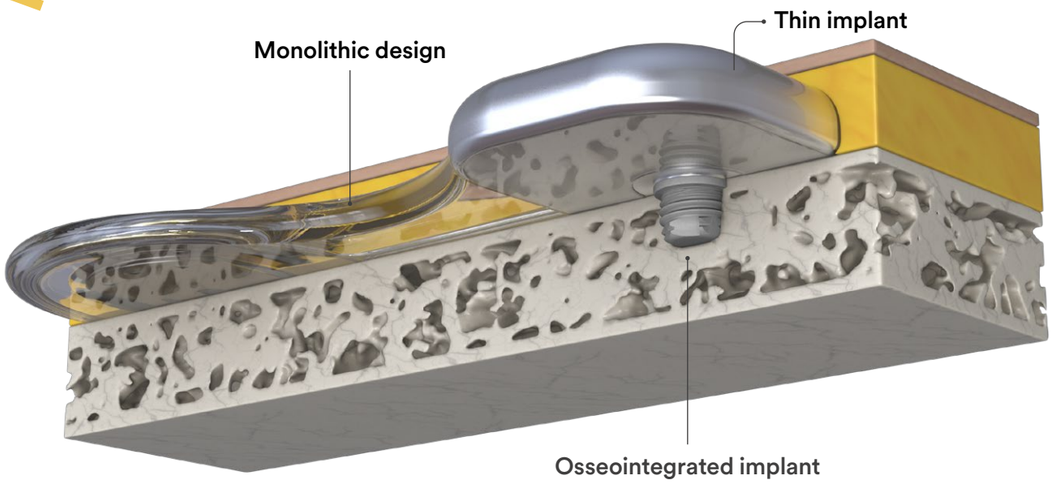
* The OSI300 implant is MRI conditional at 1.5 T and 3 T with magnet in place. Refer to Osia MRI guidelines for further information.

Straightforward surgery

Before, during and after surgery, the Osia System has been designed to minimise treatment time for the patient without compromising on flexibility or safety. Based on typical clinical experience the Osia System minimises treatment time due to:

- ✓ No pre-operative CT scan
- ✓ Flexible implant placement
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- ✓ Minimal mastoid drilling
- ✓ Minimal risk for dura exposure
- ✓ Simplified coil insertion
- ✓ Minimal soft tissue reduction
- ✓ No risk of coil migration

Thin profile	Minimally invasive	Stable foundation	Recess flexibility

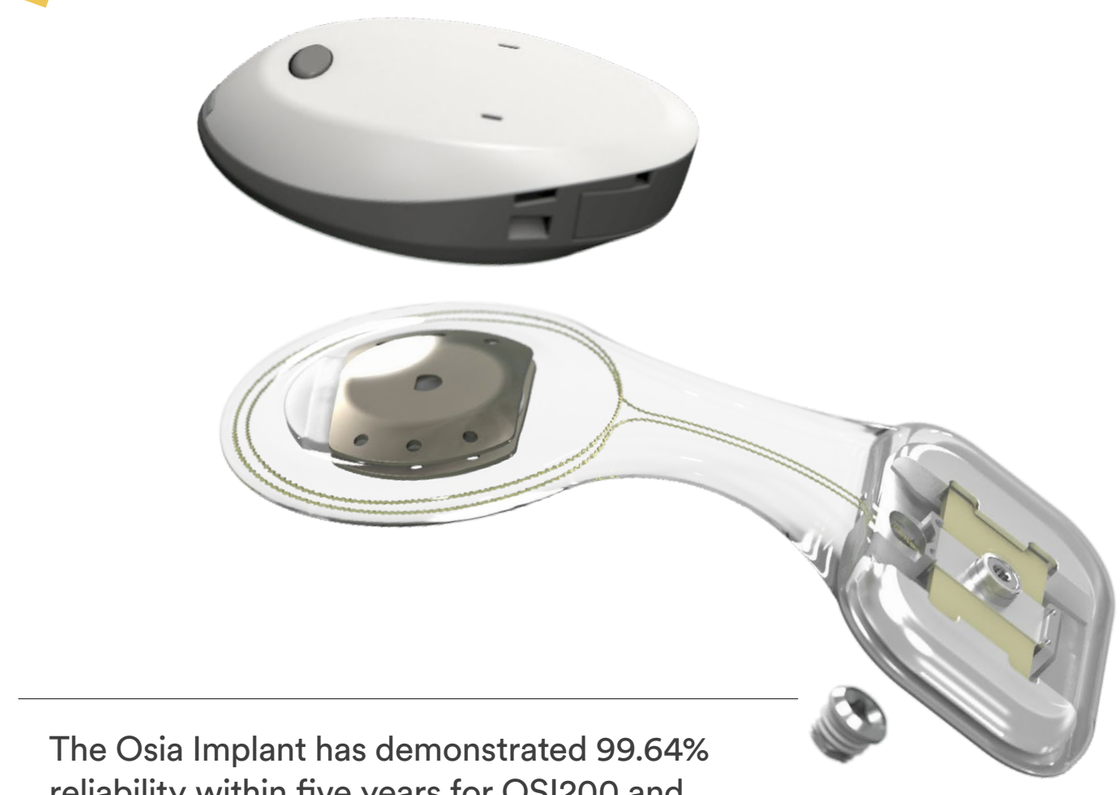


Clinical experience shows that the surgery can be successfully completed in less than 30 minutes.[35]

Demonstrated reliability

Since its introduction, the Osia implant has proven to be reliable, while providing professionals with the flexibility and confidence that help make it the world's most chosen bone conduction implant system.

Implant reliability	Sound processor reliability	Consistent long-term performance	Expected lifetime



The Osia Implant has demonstrated 99.64% reliability within five years for OSI200 and 99.86% reliability within one year for OSI300.[36]

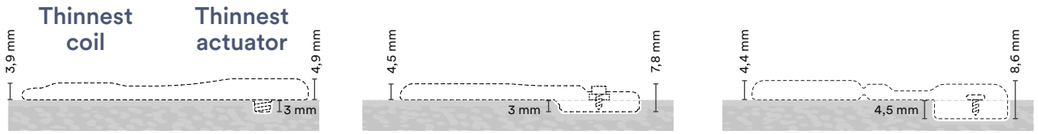
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Thin profile	Minimally invasive	Stable foundation	Recess flexibility

The Osia implant has a monolithic design and is designed with the thinnest coil (3.9 mm) and actuator (4.9 mm).



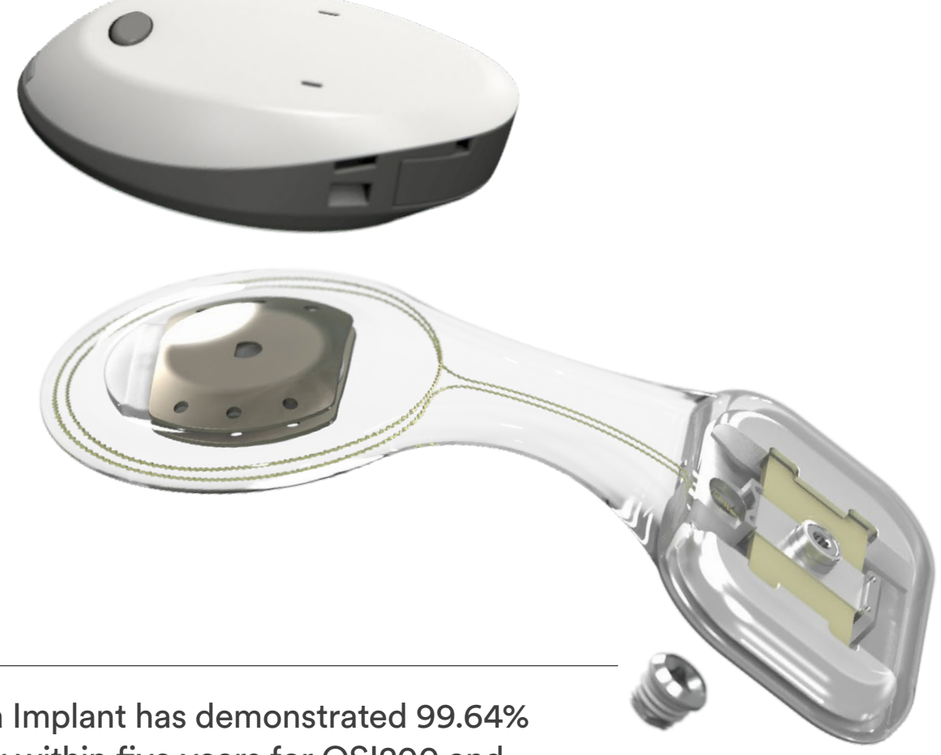
Osia OSI300 implant | Implant, competitor A[27] | Implant, competitor B[28]

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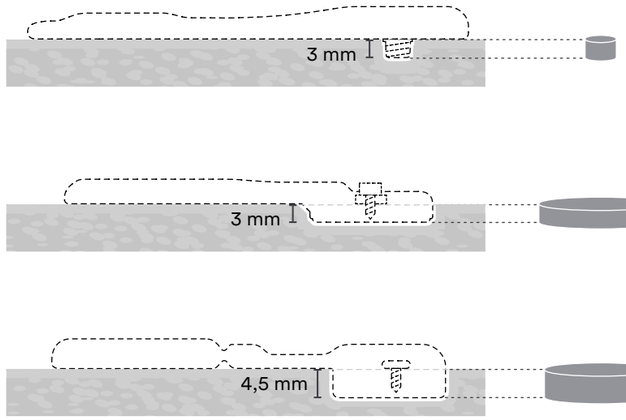
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Thin profile	Minimally invasive	Stable foundation	Recess flexibility

The Osia OSI300 Implant requires the least amount of bone removal, when compared to other active bone conduction systems.



Osia OSI300 implant[29]
57 mm³

Implant, competitor A[30]
940 mm³

16 times more bone to be removed

Implant, competitor B[31]
1170 mm³

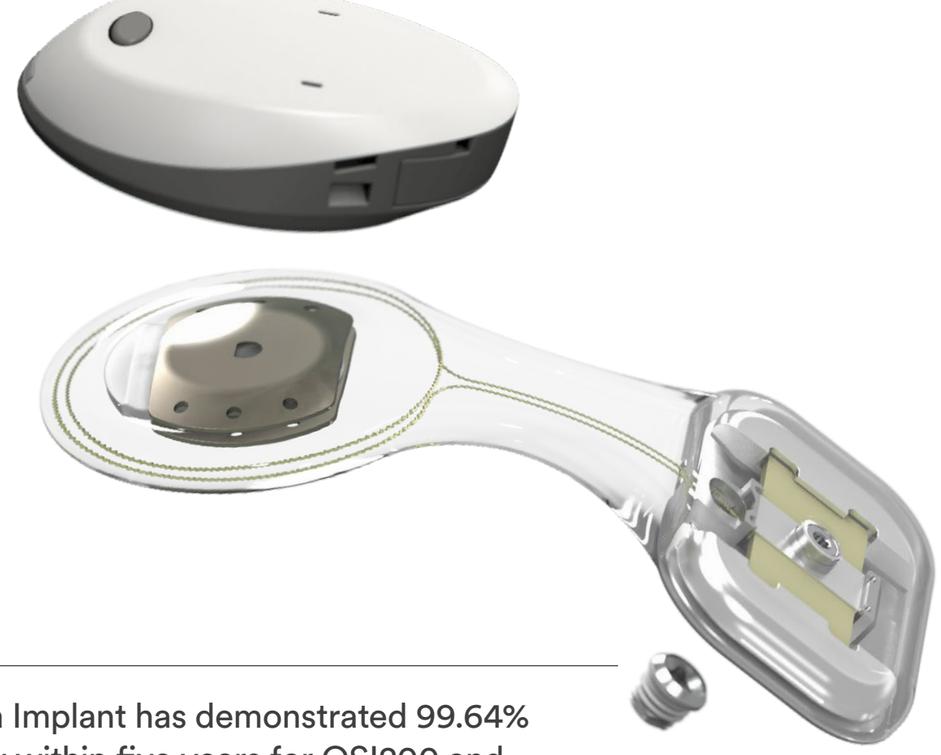
20 times more bone to be removed

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Thin profile	Minimally invasive	Stable foundation	Recess flexibility

The osseointegrated BI300 Implant delivers stability and reliability and efficient sound transmission, backed by years of published clinical data.[31,32,33,34]

Excellent osseointegration contact surface

64 mm²* / 83 mm²** integration to the bone

*3 mm implant
**4 mm implant



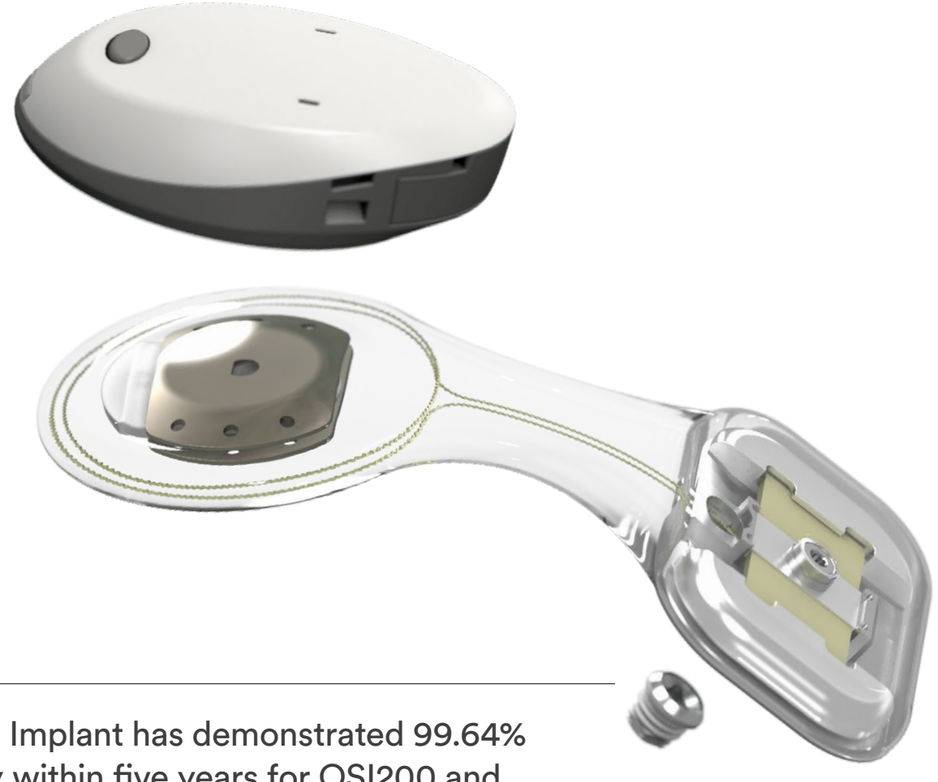
Osseointegrated BI300 Implant with TiOblast™ surface

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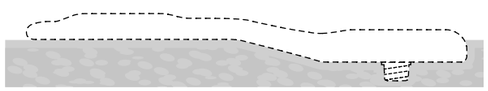
Thin profile	Minimally invasive	Stable foundation	Recess flexibility

In bone with sufficient thickness, additional bone polishing may be performed to recess the actuator and create a lower profile placement.

Option 1. The actuator is not recessed



Option 2. The actuator is recessed



Clinical experience shows that the surgery can be successfully completed in less than 30 minutes.[35]

Demonstrated reliability

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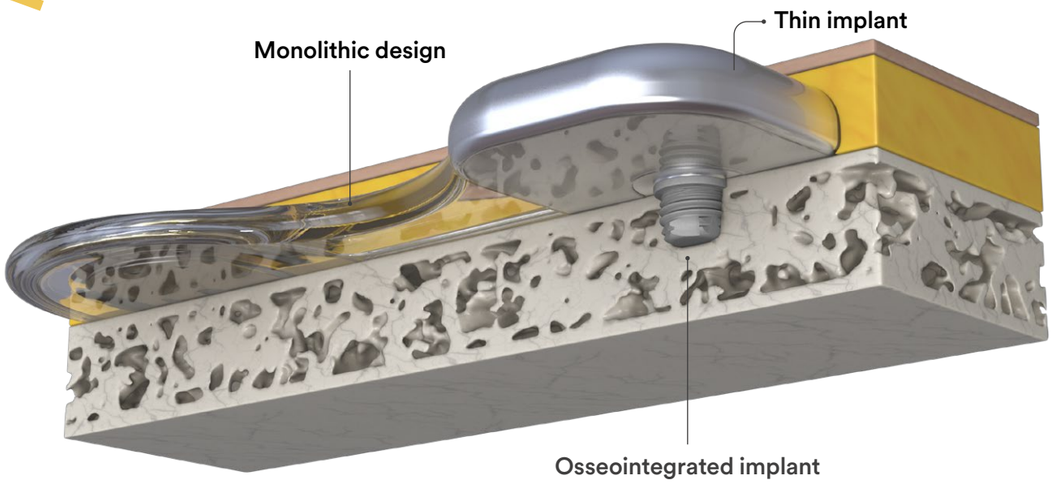
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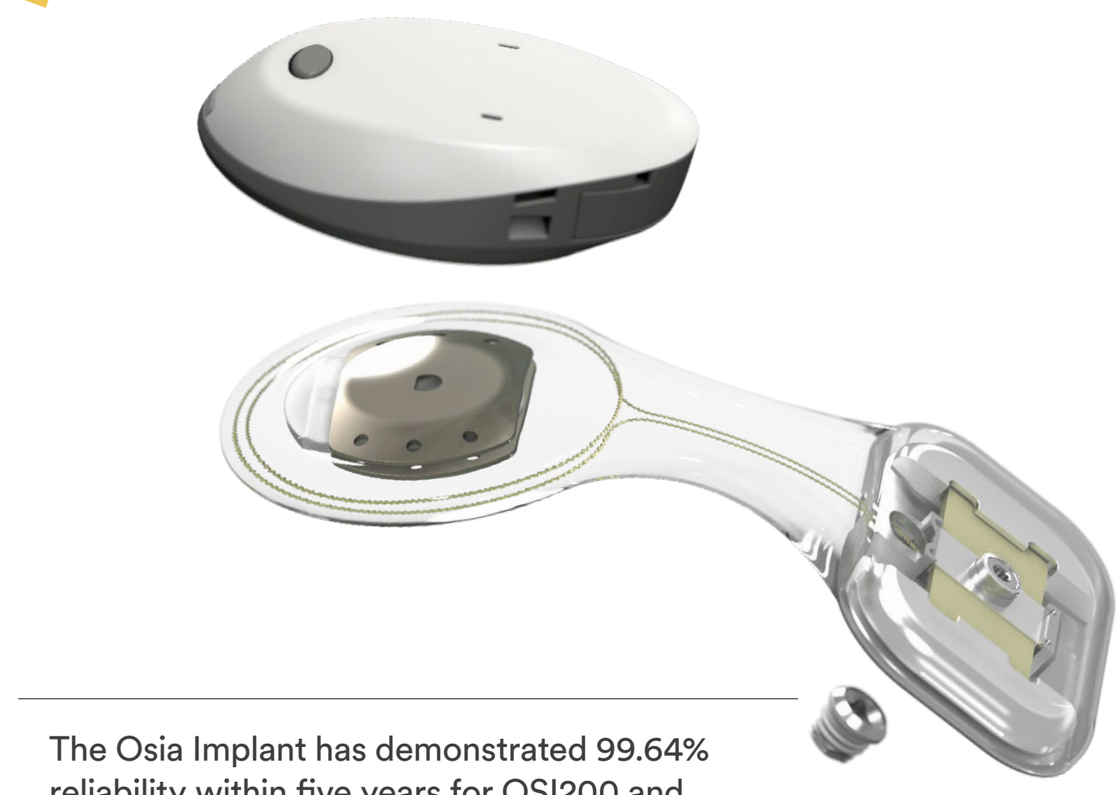


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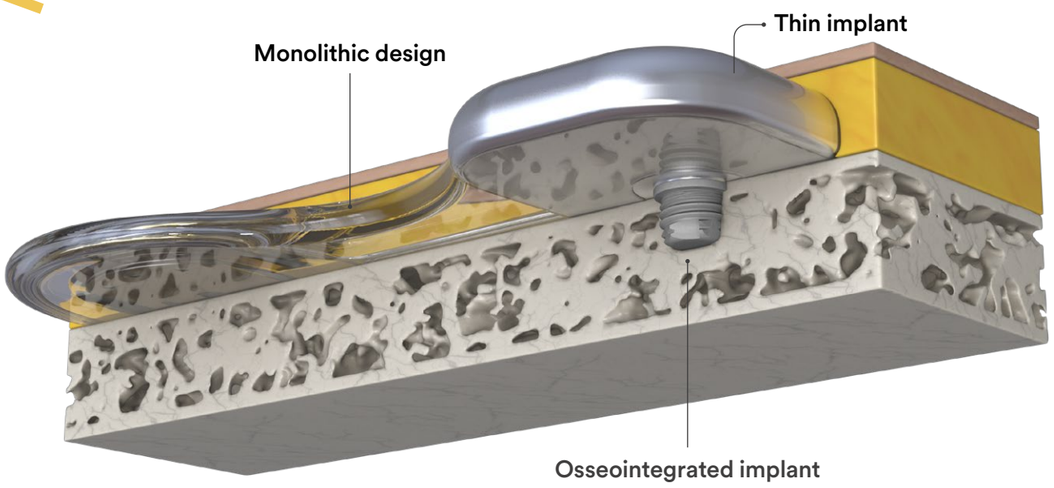
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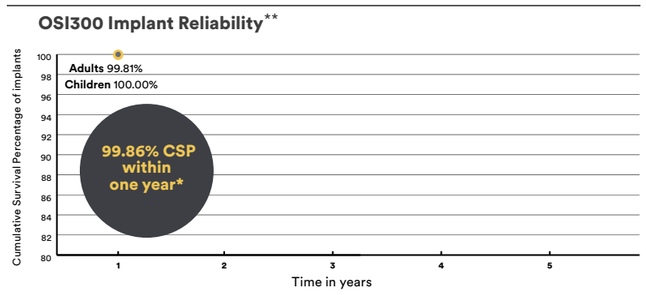


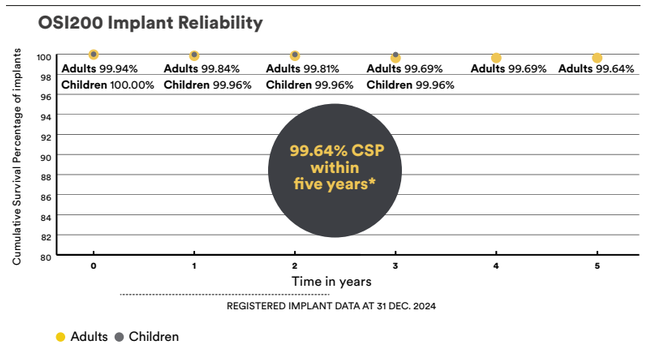
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Implant reliability	Sound processor reliability	Consistent long-term performance	Expected lifetime





Number of registered Osia Implants – 31 Dec. 2024

Implant	Adults	Children	Combined
OSI200	8379	3260	11639
OSI300	2765	1070	3835

Note: Individual population for children in year 4 is less than the minimum required for a valid calculation.[2]

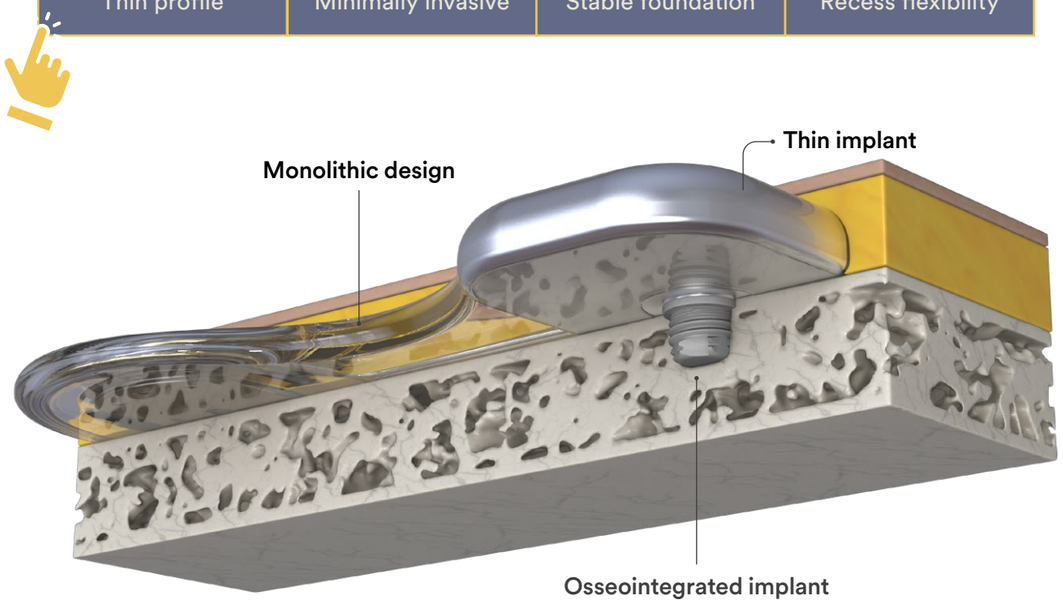
*Based on implant registration data. Reliability refers to Cumulative Survival Percentage as defined in relevant industry-recognised reliability reporting standards,which includes both device and accident-related implant failures.[34]
** Product launched in 2023

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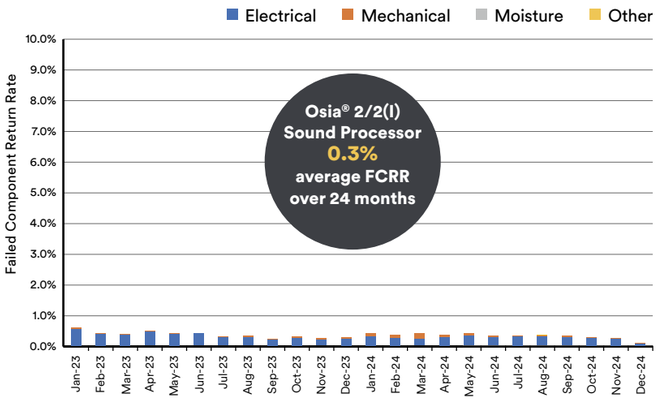
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Implant reliability	Sound processor reliability	Consistent long-term performance	Expected lifetime

Osia 2 Sound Processor reliability data[36]



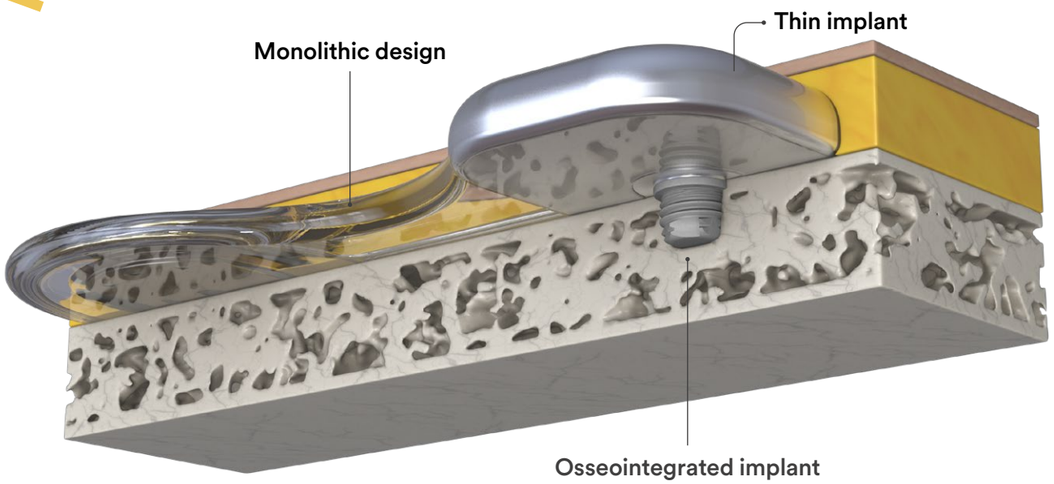
* Failed Component Return Rate (FCRR) is the metric used in this report to measure sound processor reliability. This report shows FCRR data over the previous 24 months.
Osia Reliability Report. Cochlear Limited, Sweden. 2024; D1841762.

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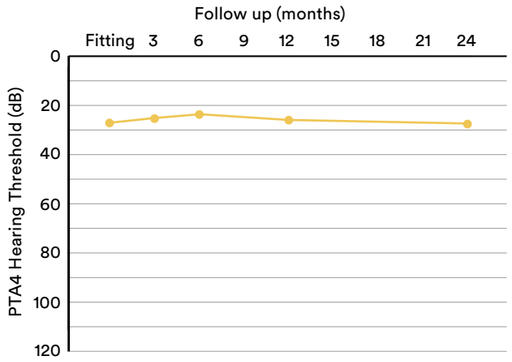
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Implant reliability	Sound processor reliability	Consistent long-term performance	Expected lifetime

In a long-term follow-up study, hearing performance **remained consistent 24 months after implantation**[37]

Consistent long-term performance

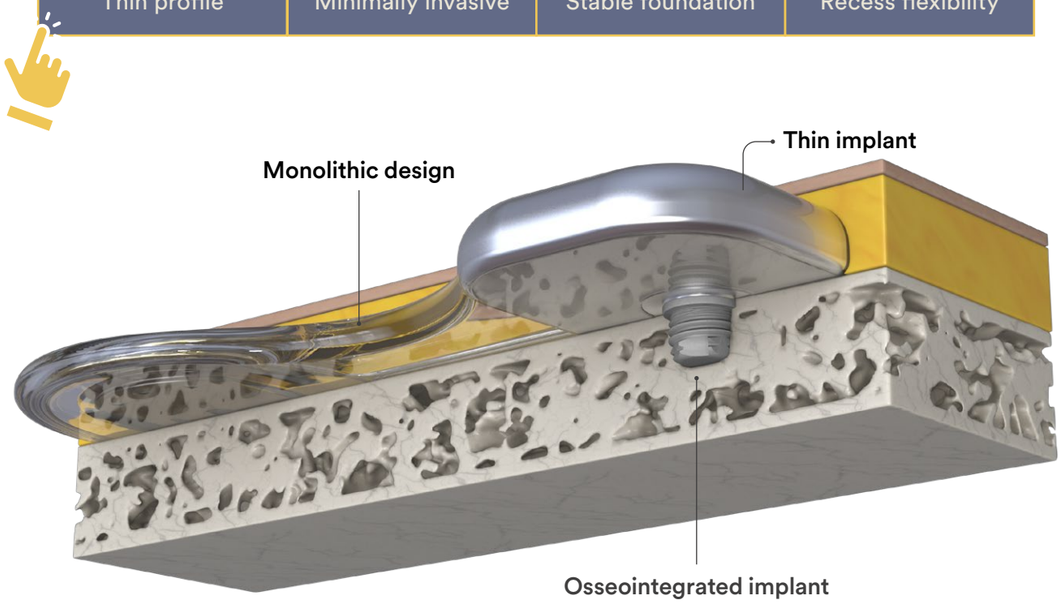


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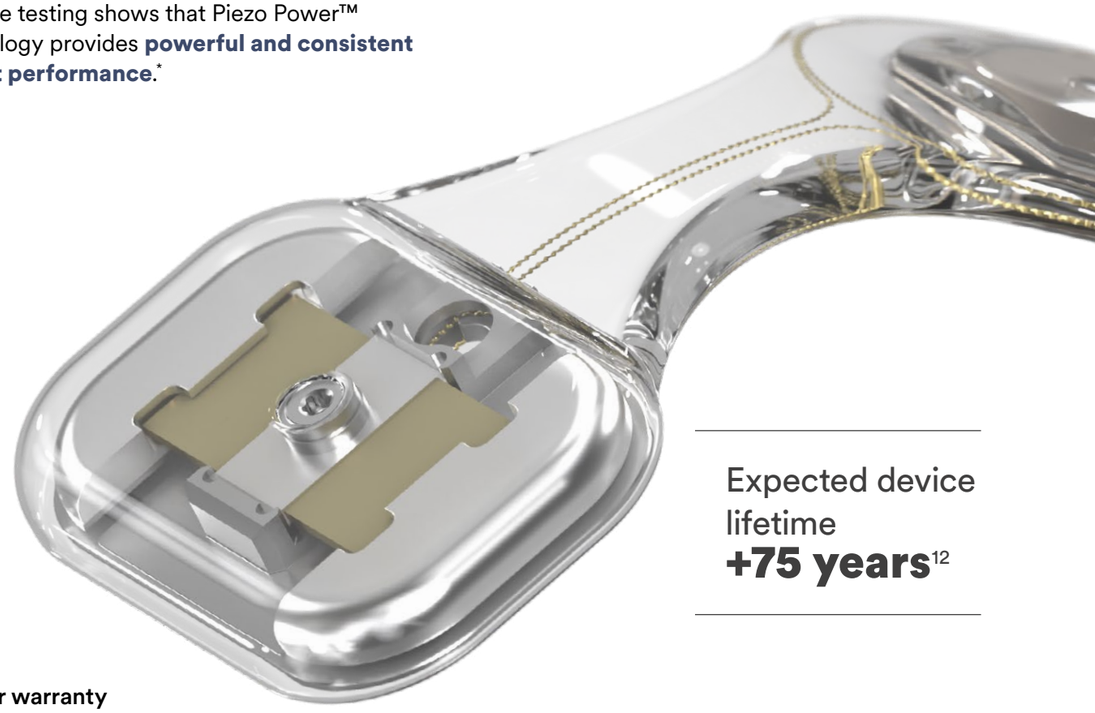
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Lifetime testing shows that Piezo Power™ technology provides **powerful and consistent output performance**.*



Expected device lifetime
+75 years[12]

10-year warranty

A trusted classic



The **Cochlear Baha System**, with abutment or magnetic attachment, is a tried-and-true bone conduction solution for many patients. The latest Baha 7 Sound Processor delivers proven hearing performance to patients who fit the criteria for bone conduction candidacy.

Powerfully small. Better connected

With rich, natural sound and next-generation Bluetooth® LE Audio capability, the Baha 7 Sound Processor is the latest innovation in more than 40 years of traditional bone conduction. The discreet, lightweight and durable device is designed to help patients feel comfortable about their hearing during life's big and small adventures.

Fast and consistent surgery

The Baha System surgery is a minimally invasive procedure. In many cases, it can be performed under local anesthesia in around 20 minutes.[38] With surface technologies on both the implant and abutment to promote faster osseointegration and soft tissue integration, the Baha System is used by a large number of patients and professionals. The Baha Connect System is MR conditional at 1.5 and 3 Tesla.

* The BI300 is MRI conditional at 1.5 and 3 T. Refer to MRI Radiographers Instructions D823703 Baha Attract, 633619 Baha Connect for further information.

The Baha System remains a great alternative for those patients looking for a more traditional solution. It's proven to help people hear since 1985.



Hear what you want to hear, no matter where you are

Cochlear is leading the industry in connectivity. Whether with Baha Start, the Osia System or the Baha System, patients and their hearing health professionals have access to smart technologies designed to improve the hearing experience.

Streaming options

Whether it is in a noisy restaurant, at work or at home, patients can enjoy speech, sound and music streamed directly to their sound processor from their compatible* phones and other devices, as well as compatibility with a range of wireless devices. Cochlear is also the first in implantable hearing to enable Bluetooth® LE Audio and Auracast™ broadcast audio streaming**, making it possible for LE Audio-enabled sound processors to connect in more situations than ever before.

SmartSound® iQ sound quality

Cochlear's bone conduction devices feature SmartSound® iQ signal processing. Its scene classifier scans the full soundscape and automatically adjusts for the patient's environment. It is designed to enhance speech, reduce noise and increase comfort.

Connected Care

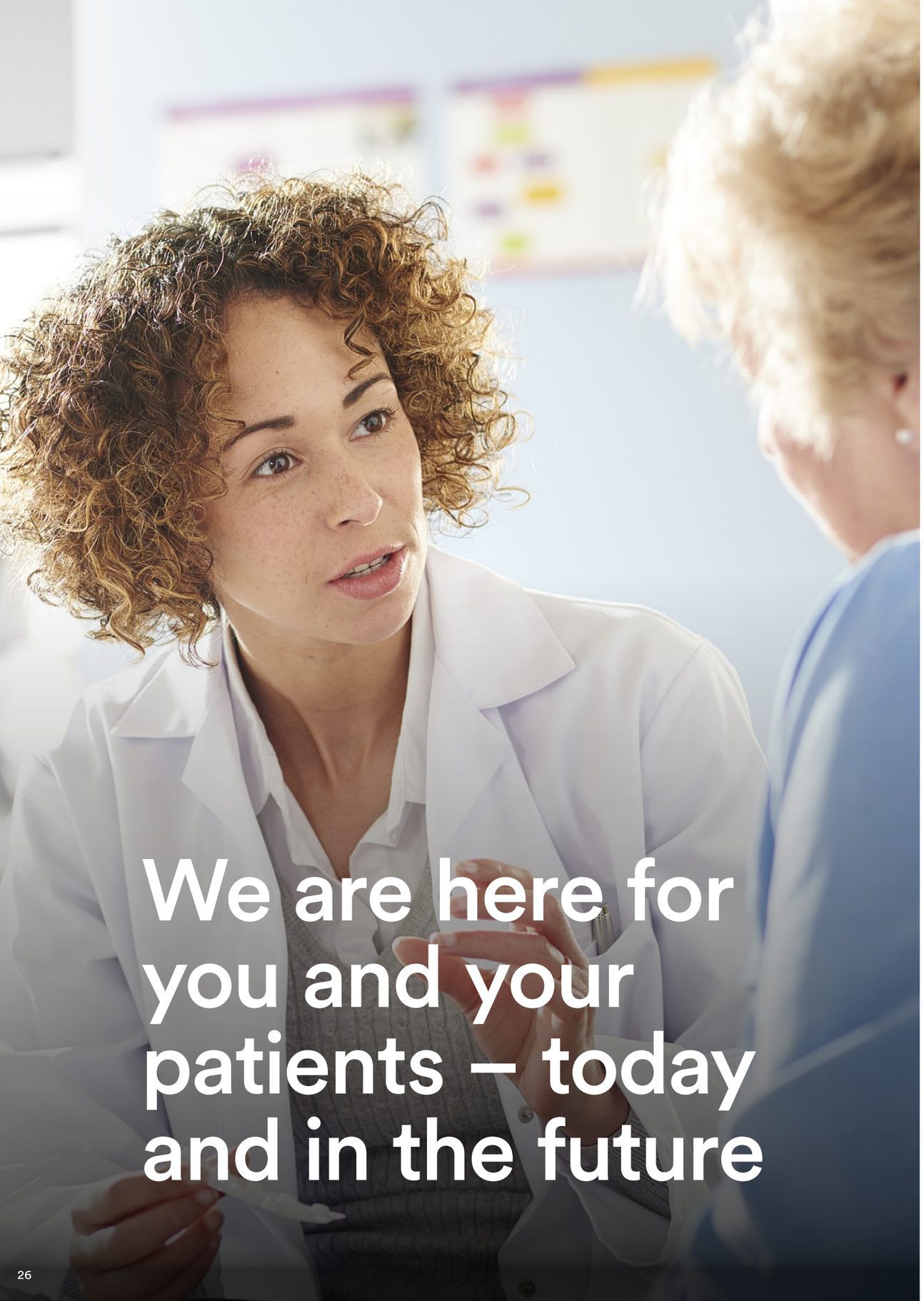
The intuitive design of Cochlear's fitting software aims to streamline the fitting experience for hearing health professionals.

Cochlear's Smart Apps, available on App Store and Google Play, let recipients personalise their hearing experience, including changing programs, activating streaming, adjusting volume on their sound processor and much more.

Made for iPhone | iPad | iPod

* For information regarding the compatibility of Cochlear's Sound Processors with Apple or Android devices, visit www.cochlear.com/compatibility. Cochlear's range of Smart Apps and Support Apps are available on App Store and/or Google Play. For information regarding the sound processors, operating systems and devices that are compatible with the Cochlear's range of Smart Apps and Support Apps, visit www.cochlear.com/compatibility.

** Auracast™ broadcast audio capability is subject to third-party adoption of the Auracast protocol.



We are here for you and your patients – today and in the future

Cochlear has a demonstrated history and proven commitment to supporting professionals and patients throughout their hearing journey.

More than products

Choosing Cochlear means you'll also receive support from our dedicated representatives for candidacy, counselling, training, professional development, and the latest fitting software and apps.

Supporting patients

With a Cochlear bone conduction system, your patients join the largest community of hearing implant recipients. In many countries, our Cochlear Family program connects recipients and candidates through programs and events, fostering shared experiences and support.

Cochlear volunteer community

Our network of volunteer recipients and carers share their own benefits and tips to assist others who have hearing loss. Ask a Cochlear representative if your country has a volunteer program.

Partnering in research

Cochlear collaborates with leading universities and research partners on pre-clinical and clinical trials to ensure the safety and efficacy of new technologies, adhering to relevant standards to support patient care.

Environmental Management and Compliance

We prioritize sustainability in product development, packaging, and logistics while ensuring patient safety. Our teams work to improve environmental efficiency within medical device regulations. With stricter packaging laws, we aim to reduce our environmental impact while meeting safety standards. We use recyclable PaperFoam, biodegradable packaging, and paper filler instead of plastic bubble wrap in shipping boxes.

For more information, contact your local Cochlear representative.

Hear now. And always

Cochlear is dedicated to helping people with moderate to profound hearing loss experience a world full of hearing. As the global leader in implantable hearing solutions, we have provided more than 850,000 devices and helped 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 next generation technologies. We collaborate with leading clinical, research and support networks to advance hearing science and improve care.

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

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The Cochlear Baha 7 Sound Processor is compatible with Apple and Android devices. For compatibility information, visit www.cochlear.com/compatibility. For information regarding the compatibility of Cochlear's Sound Processors with Apple or Android devices, visit www.cochlear.com/compatibility. Cochlear's range of Smart Apps are available on App Store and/or Google Play. For information regarding the sound processors, operating systems and devices that are compatible with the Cochlear's range of apps, visit www.cochlear.com/compatibility.

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