



Cochlear[®]

Hear now. And always



Patient guide to Cochlear[™] Nucleus[®] Electrodes

Why choosing the right cochlear implant matters

Whether you are considering a cochlear implant for yourself or your child, it's important to be confident that your choice will support long term hearing needs.

With Cochlear, you are choosing:

- The most chosen hearing implant manufacturer in the world. More people choose Cochlear than any other brand.^{1,*}
- The most reliable implants over time.[^]
- The number 1 most trusted healthcare company in the world.[#]

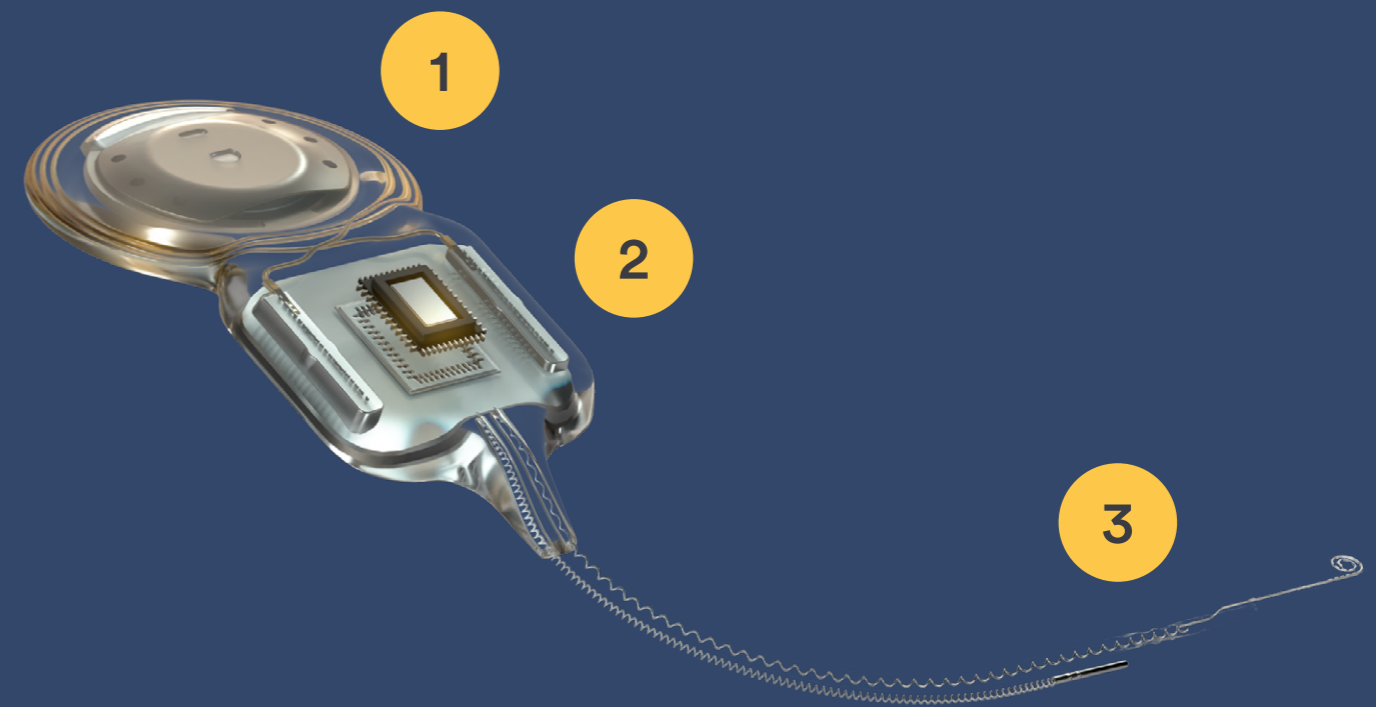


Please use this brochure as a guide to help you talk to your hearing health professional about Cochlear's electrode options.

Cochlear™ Nucleus® Nexa™ Implant with Slim Modiolar Electrode

Combining benefits of Cochlear's newest implant and the latest perimodiolar electrode

- 1 Magnet that offers access to 1.5 and 3.0 Tesla MRIs without the need for magnet removal.
- 2 New chipset with upgradeable firmware and built in memory giving you access to future innovations as they become available.
- 3 Slim Modiolar Electrode, designed to sit close to the neural elements in the cochlea for optimal hearing performance.²





“It was beyond my wildest dreams that I’d be able to hear like this. It’s so clear, it’s so concise... it’s just beautiful. Music was such a bonus for me.”

Kay, Cochlear™ Nucleus® Implant recipient

Cochlear can support all four factors that enable optimal hearing performance

1



Proximity to the neural elements

Placing a cochlear implant electrode close to the neural elements within the cochlea results in focused stimulation³, helping to deliver clear sound.^{3,4}

2



Natural hearing preservation

We understand the importance of retaining your natural hearing. Studies have shown that Cochlear’s electrodes can help to preserve residual natural hearing.⁵⁻⁷ This means you can continue to enjoy the richness of natural sounds alongside the benefits of your implant, providing an optimal hearing experience.

3



Preserve cochlear structures

Maintaining the structural integrity of the cochlea is a significant contributor to long-term hearing performance.⁸⁻¹⁰

4



Number of electrode channels

Research has shown that the ability to recognise speech, especially in noisy situations, improves as the number of channels on the electrode increases.^{11,12}

Discover the benefits of Cochlear's electrode portfolio

Based on your hearing needs, a hearing health professional will recommend one of two electrode options.



1

Nucleus® Slim Modiolar Electrode~

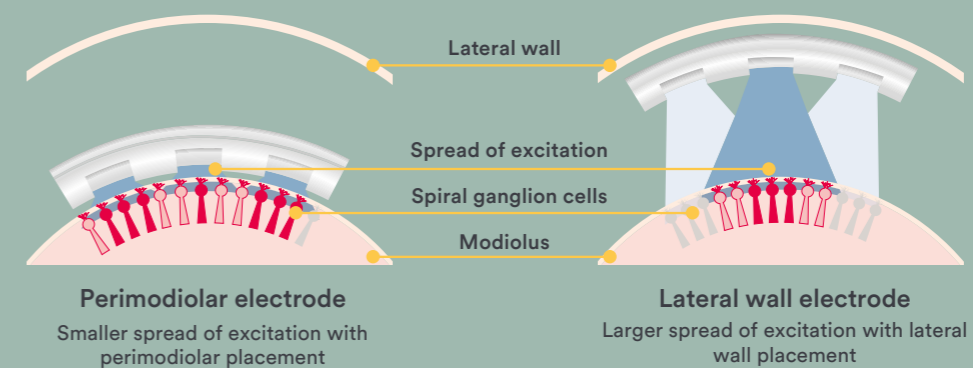


2

Nucleus® Slim Straight Electrode

Enjoy clear, rich sound whilst protecting your natural hearing

1. The Nucleus Slim Modiolar Electrode is pre-curved and sits close to the neural elements.



Our newest and most advanced electrode, designed to provide focused and precise stimulation for optimal hearing performance.^{2,4}

2. The thinnest electrodes on the market designed to protect the delicate structures of the cochlea and preserve residual natural hearing.^{4,13-16}

3. The most electrodes contacts on the market for optimal clarity of sound. Cochlear's electrodes have 22 electrode contacts for precise stimulation, helping to provide improved hearing clarity.^{11,12}



In a study, patients with the Slim Modiolar Electrode had

30% better hearing performance

than those with a straight electrode.⁴

Key benefits of Cochlear's Slim Modiolar Electrode

1. Optimal hearing performance

The Slim Modiolar Electrode is positioned closer to the neural elements that are responsible for the sense of hearing. This enables the electrode to offer focussed stimulation and consequently optimal hearing clarity and speech understanding.^{3,4}

2. Natural hearing preservation

Multiple clinical studies have shown that the Slim Modiolar Electrode may help in preserving your natural hearing.^{4,16} In the event that your natural hearing continues to decline⁶, the Slim Modiolar Electrode could deliver optimal hearing outcomes due to its proximity to the neural elements.

Your hearing health professional can advise you on the electrode that is best suited to your hearing needs.

Slim Modiolar may help to preserve your cochlea

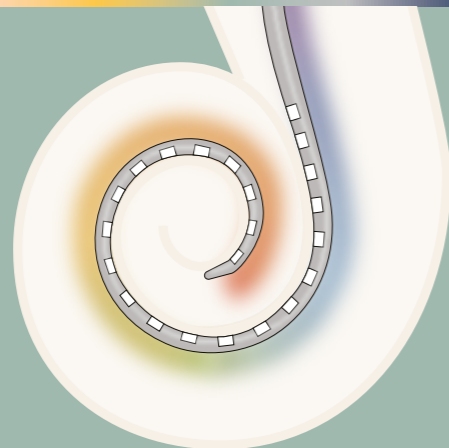
Maintaining the structural integrity of the cochlea is a significant contributor to long-term hearing performance.¹⁰

Two ways the Slim Modiolar Electrode could preserve your cochlea:

1. The Slim Modiolar Electrode has been precision engineered for consistent placement away from the delicate structures of the cochlea. It is also the thinnest pre-curved electrode available.¹³⁻¹⁵

This may reduce the risk of damaging your cochlea.^{10,13-15,17-19}

2. The Slim Modiolar Electrode has been designed to be the right length to sufficiently cover the neural elements inside the cochlea. The electrode can adequately stimulate most of the neural elements while avoiding the risk of damaging the cochlea.²⁰⁻²⁵



Talk to your hearing health professional how the Slim Modiolar Electrode could preserve your cochlea

Long-term reliability

Peace of mind now and in the future

With over 40 years of helping people hear, we understand how important safety and reliability are for you and your loved ones.

DID YOU KNOW?
Cochlear's implants are the most reliable over time^{1,*}

DID YOU KNOW?
The Cochlear™ Nucleus® Profile™ Plus Implant delivers 99.76% CSP within six years.¹

With more than



600,000

registered Cochlear™ Nucleus® Implants worldwide, more people rely on Cochlear than on any other hearing implant manufacturer.^{1,*}

Talk to your hearing health professional about the reliability of our implants.



Convenience whenever you need an MRI^^

We designed our Nucleus Nexa and the Nucleus Profile Plus implants so you or your child can have a routine 1.5 T MRI or a high-definition 3.0 T MRI without removing its magnet.





This means no additional surgery, no need to wear a bandage in an MRI machine, no waiting for a scan and, most importantly, no unnecessary time without sound.

Keen to learn more?

The Cochlear Engagement Team can provide you with:

- Information on Cochlear hearing devices and how you could benefit
- Connections with Cochlear recipients
- Funding options available
- Free educational events near you

Please reach out to us at:

-  1800 875 212
-  +61 447 243 454
-  hearinghelp@cochlear.com
-  cochlearaustralia.com/contact-cochlear

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Disclaimers:

* Based on manufacturers' published registered implant data.

^ Based on comparable implant generations released by Cochlear, MED-EL and Advanced Bionics using each manufacturer's first published CSP data at 7 and 15 years.

Based on Newsweek's 2024 ranking of the world's most trustworthy companies

~ Suitable for patients with normal cochlear anatomy

^^ Cochlear Nucleus implants are MR Conditional, meaning they have demonstrated safety in the Magnetic Resonance Imaging (MRI) environment within defined conditions. Always read the instructions for use and discuss with your doctor before undertaking any MRI procedure.

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 follow the directions for use. Not all products are available in all countries. Please contact your local Cochlear representative for product information. Any testimonial featured is not intended for a New Zealand audience. Views expressed are those of the individual. Consult your health professional to determine if you are a candidate for Cochlear technology. In Australia, Cochlear™ Nucleus® implant systems are intended for the treatment of moderately severe to profound hearing loss. This product is not available for purchase by the general public. For information on funding and reimbursement please contact your healthcare professional. The product images shown are for illustrative purposes only and may not be an exact representation of the product.

ACE, Advance Off-Stylet, AOS, Ardium, AutoNRT, Autosensitivity, Baha, Baha SoftWear, BCDrive, Beam, Bring Back the Beat, Button, Carina, Cochlear, 科利耳, コクレア, コクリア, Cochlear SoftWear, Contour, コントゥア, Contour Advance, Custom Sound, DermaLock, Freedom, Hear now. And always, Hugfit, Human Design, Hybrid, Invisible Hearing, Kanso, LowPro, MET, MP3000, myCochlear, mySmartSound, Nexa, NRT, Nucleus, Osia, Outcome Focused Fitting, Off-Stylet, Piezo Power, Profile, Slimline, SmartSound, Softip, SoundArc, SoundBand, True Wireless, the elliptical logo, Vistafix, Whisper, WindShield and Xidium are either trademarks or registered trademarks of the Cochlear group of companies (unless otherwise noted).

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