

Hear now. And always



# Cochlear Update


Louise Allan

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**World leading cochlear implant technology**


- 1<sup>st</sup>** Multichannel cochlear implants
- 600K** Implantable devices provided since 1981
- 3 out of every 4** People with cochlear implants have a Cochlear device
- 1<sup>st</sup>** To collaborate with Apple, Google and Amazon
- 1<sup>st</sup>** To offer direct streaming from compatible phones
- World's Smallest and lightest sound processors**
- 3.9mm** World's thinnest cochlear implant
- >\$2Bn** AUD invested in research and development to date
- IP68** Highest IP Rating in a Sound Processor

Introducing the Nucleus® 8 Sound Processor




## Key features of the Nucleus® 8 Sound Processor

- 1 Comfort**
  - Smallest and lightest behind-the-ear cochlear implant sound processor<sup>1</sup>
  - New comfortable shape
- 2 Hearing performance**
  - SmartSound® iQ 2 – smarter<sup>2</sup> hearing performance technology
    - SCAN 2 – improved automatic scene classifier<sup>3</sup>
    - Improved ForwardFocus<sup>2,4</sup> using Beam<sup>5</sup> adaptive directionality




1 Cochlear Limited. 01/06/2019. (2022) April 3. Cochlear Limited. 01/06/2019. (2022) February 6. Cochlear Limited. 01/06/2020. (2022) April  
2 Other companies to produce generation Nucleus® 6 and Nucleus® 7 sound processors  
02/06/2019 vs 2022-01  
3  
4  
5

Introducing the Nucleus® 8 Sound Processor




## Key features of the Nucleus® 8 Sound Processor

- 3 Connectivity**
  - Ready for next-generation Bluetooth® LE Audio<sup>18,19,\*</sup>
  - Direct streaming from compatible Apple and Android™ devices<sup>2</sup>
  - Nucleus® Smart App control and monitoring
  - Support through Connected Care
  - True Wireless™ compatibility
- 4 Lifestyle**
  - Improved water resistance rating (IP68)<sup>3</sup>
  - New Nucleus® 8 Slimline™ Coil
  - Range of wearing options for paediatrics and adults
  - New silver colour
  - Personalisation cover to customise your sound processor



18 Cochlear Limited. 01/06/2023. (2023) Sept  
19 Other technologies become available. \*Remote update to the sound processor will allow patients to connect to Bluetooth LE Audio compatible devices.  
2 Compared to previous generation Nucleus® 7 and Nucleus® 6 sound processors.  
3 For compatibility information see www.cochlear.com/compatibility.  
4 The Cochlear Nucleus 8 Sound Processor is dust and water resistant to level IP68 of the International Standard IEC60529. The Nucleus 8 Sound Processor was tested to a depth of up to 1.5m for up to 3 hours. The Nucleus 8 Sound Processor with silver 6.0 coil and water resistant to level of IP68 of the International Standard IEC60529. Report 02/06/2023 vs 2022-01  
5

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# Connected Care

20220219 vs 2022-01

Cochlear: a history of innovation

## Connected Care

- 2017 Nucleus® Smart App**
  - World's first Made for iPhone cochlear implant sound processor.
  - Nucleus Smart App allows recipients to directly stream audio, control, monitor and customise their hearing.
- 2019 Remote Check**
  - A convenient, at-home testing and triage tool.
  - Enables patients to perform a series of hearing checks at home and securely send the results to their clinician for review.
- 2022 Remote Assist**
  - Expanding Cochlear's Remote Care offering.
  - Remote Assist allows clinicians to engage with their patients via live video, audio or chat sessions.
  - Connection is via the Nucleus Smart App.
- 2023 Nucleus® SmartNav**
  - Provides wireless, real-time, actionable insights to support navigation during cochlear implant surgery.
  - Delivers added assurance regarding electrode placement.

02/06/2023 vs 2022-01

Cochlear™ Remote Care


### Who is Remote Care for?

Remote Care is suitable for most patients, including adults and paediatric patients, alone or with support from a carer. Consider especially for those patients who:

- Travel long distances for clinic visits
- Have additional mobility, access or health concerns
- Are affected by other lifestyle, work or school situations

Suitable candidates require:

- A compatible Cochlear Sound Processor
  - Nucleus® 7/8 Sound Processor or Kanso® 2 Sound Processor
  - Baha® 6 Max Sound Processor
- The access and motivation to use smartphone and video call functions
- Nucleus or Baha Smart App installed



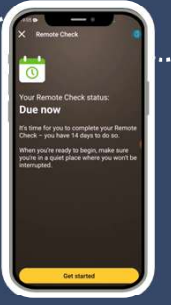
Remote Care is designed for patients aged six years and older with compatible cochlear or bilateral devices. © Cochlear Limited 2023. 200005441/2023-02

### Nucleus Remote Care Overview video




© Cochlear Limited 2023. 200005441/2023-02

### Cochlear™ Remote Check




- Implant site photos
- Questionnaire Part 1
- Aided Audiogram
- Implant Check
- Speech in Noise
- Questionnaire Part 2
- Hardware Health
- Usage Data

© Cochlear Limited 2023. 20202128\_2023A\_Connected Care Overview

### Cochlear™ Remote Assist


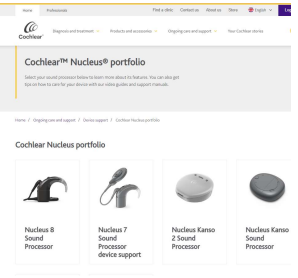
A hearing health tool that allows live video consultations and remote MAP or sound processor adjustments

- Video consultation
- Global MAP adjustments
- Adjust and enable processor settings




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### Cochlear Nucleus Portfolio

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[www.cochlear.com](http://www.cochlear.com)

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