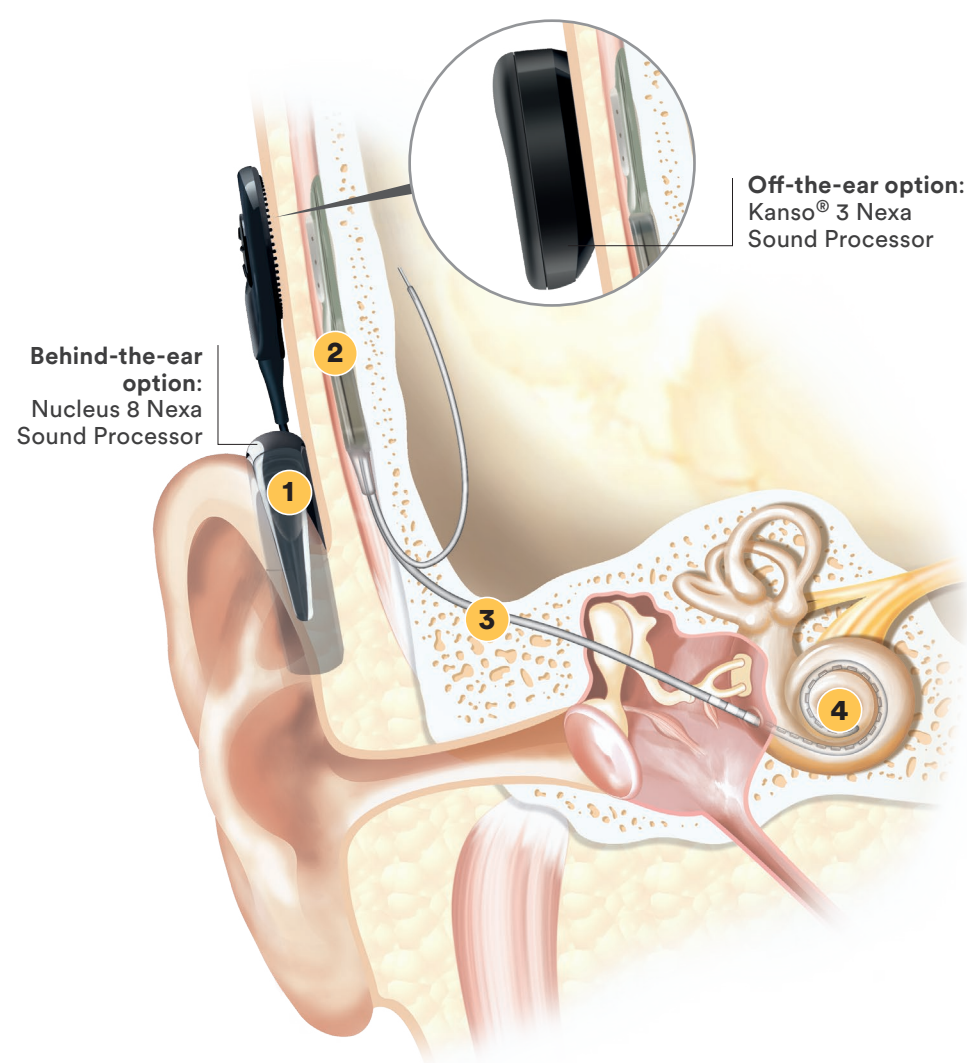


How the Cochlear[™] Nucleus[™] Nexa[™] System works

Unlike a hearing aid which makes sounds louder, a cochlear implant works to make sounds clearer, so that it's easier to understand conversations.¹⁻³
A cochlear implant replaces the parts of the inner ear that aren't working.



The Cochlear[™] Nucleus[®] Nexa[™] System is comprised of two parts which work together – the smart cochlear implant and the sound processor.

- 1 The **sound processor** sits outside the ear and can be worn behind the ear or off the ear. Microphones pick up sounds and the processor converts them into a digital signal.
- 2 The signal is transferred to the **smart implant** just under the skin.
- 3 The smart implant sends the digital signal to the **electrode array** in the cochlea.
- 4 The **hearing nerve** picks up the signal and sends it to the brain, which is understood as sound.

The world's first smart cochlear implant system



For the first time, you will be ready to access future innovations as they become available through upgradeable firmware in the **world's first smart implant**.



The world's first smart implant has its own **internal memory** that securely stores your unique hearing information, so it's always with you.



The system intuitively **adapts its power usage to maximise battery life**, so you can power through your day[#]



Smart sound processing technology automatically **senses and responds to changes** in your environment, to make sounds clearer, even when it's noisy.^{4-8,†}

Talk to your hearing health professional or visit www.cochlear.com/NucleusNexa for more information.

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8. Cochlear Limited. D1913968 Nucleus 8 Whitepaper. 2023, Apr.

† ForwardFocus is a clinician-enabled feature that can be user-controlled or automated.

The described feature and benefit are available for recipients with a Nucleus Nexa Implant only. Battery life varies for every user, according to the age of the battery, the programs used each day, your implant type, the thickness of skin covering your implant, and the size and type of battery used.

Please seek advice from your health professional about treatments for your condition. 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.

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