

Kuhu, Cochlear™ Nucleus® System recipient Cochlear Nucleus Reliability Report | December 2021

A message from our CEO

We are proud to present our latest implant and sound processor reliability data in the following Reliability Report. Building on our 40-year track record, we continue to deliver the most reliable products on the market¹, opening up a world of better hearing to hundreds of thousands of people across the globe.

Innovation is at the heart of what drives us, and we are inspired by delivering products, services and care solutions that truly meet the needs of patients and the hearing health professionals who care for them.

As the global leader in implantable hearing, with more than 650,000 devices provided, our hearing solutions are built on world-class design and are tested and retested to rigorous standards.

We hold ourselves to account by publishing reliability data in full accordance with industry reporting standards. We report with full transparency on the reliability of our implants and sound processors, recognising the important role that this plays in providing reassurance for those who rely on us.

We look forward to continuing to work with the hearing health industry to deliver reliable, innovative products to those with hearing loss, bringing more people into the world of sound.

Dig Howitt
CEO & President



Proven over time

For 40 years Cochlear has been bringing people all over the globe into the world of sound.

Graeme Clark, an Australian ear surgeon, saw first-hand the isolation and frustration that comes from living in a world of silence as his father struggled with hearing difficulties. On holiday in 1977, fiddling with a shell and a blade of grass, Graeme realised there was a safe way to insert electrodes into the inner ear. It was Graeme's determination to help others that realised our first implantable solution, reconnecting Rod Saunders to hearing and bringing music into his life.

Today, Cochlear is the leader in implantable hearing solutions, connecting hundreds of thousands of people globally to a life full of hearing. The pioneering spirit that started Cochlear all those years ago continues to drive us forward and our commitment is stronger than ever. We're transforming the way people understand and treat hearing loss, and we're committed to reaching more people to provide support for a lifetime of hearing.

Professor Graeme Clark

About this report

This report provides reliability data for the internal (cochlear implant) and external (sound processor) components of our Nucleus® Systems.

Implant reliability data

The implant data in this report is based on the reporting methodology recommended by *International Standard ISO 5841-2*^{2,3}, the reporting principles outlined in the *European Consensus Statement on Cochlear Implant Failures and Explantations*⁴ and expert recommendations from the *International Classification of Reliability for Implanted Cochlear Implant Receiver Stimulators*. This report meets the requiremets for cochlear implant reliability reporting outlined in these standards.

For implant reliability data which meets the reporting standards and methodology recommended by ANSI/AAMI Cl86 – Cochlear implant systems: Requirements for safety, functional verification, labeling and reliability reporting⁶, please visit www.cochlear.com/reliability.

Sound processor reliability data

The sound processor data in this report meets the reporting standards and methodology recommended by ANSI/AAMI Cl86 – Cochlear implant systems: Requirements for safety, functional verification, labeling and reliability reporting.⁶

For the latest sound processor reliability data, please visit www.cochlear.com/reliability.

Jerome, Cochlear™ Nucleus® System recipient Cochlear Nucleus Reliability Report | December 2021

Implant reliability

Compliance with implant reliability reporting standards

In 2005, the major European cochlear implant centres, global regulatory authorities and device manufacturers developed the *European Consensus Statement on Cochlear Implant Failures* and *Explantations*⁴. The consensus statement outlines how device failures and reliability should be reported, and the seven principles of best practice reporting.

In 2017 a new cochlear implant industry standard was published by the Association for the Advancement of Medical Instrumentation (AAMI) in conjunction with the American National Standards Institute (ANSI). The *ANSI/AAMI Cl86 Standard*⁶ outlines requirements for the reporting of implant reliability data.

Cochlear's implants are the most reliable in the industry

CONSENSUS STATEMENT PRINCIPLES	COCHLEAR REPORTING PRACTICE	COCHLEAR COMPLIANCE	MED-EL COMPLIANCE ⁸	ADVANCED BIONICS COMPLIANCE ⁹	OTICON MEDICAL COMPLIANCE ^{10,11}
All device failures must be reported to the competent authority and must be included in the calculation of the Cumulative Survival Rate (CSR'). Reporting of the CSR should be in accordance with both International Standard ISO 5841-2:2000 ² and ISO 5841-2:2014. ³	All device failures are reported to the competent authority. Cochlear uses the calculation procedures of both ISO 5841-2:2000 ² and ISO 5841-2:2014. ³ All device failure modes are included, including failures due to external impact.	~	Compliance with ISO 5841-2 ^{2,3} not explicitly stated.	✓	~
Manufacturers' reports of device failure should indicate the sources of data and the sample size. There must be no exclusions. The time period over which the data was collected should be specified.	The source of data is Cochlear's global complaints handling database. Sample size and time period are specified with each report.	~	Sample size not included.	V	Sample size not included
Reports of CSR should give complete historical data of a given device, describing any technical modifications (which can be integrated into historical data by starting at time 0).	All models and all versions of each model are included in reports. Descriptions of any significant technical modfications are given.	~	COMBI 40+ no longer reported. PULSAR no longer reported.	✓	Pre-2006 devices are no longer reported.
The complete data set of the 'mother'" product should always be supplied when presenting data on subsequent device modifications.	Reports aggregate the reliability of all devices (pre- and post-modification). If the post-modification is significantly different, post-modification is reported separately from the aggregate of all devices.	V	COMBI 40+ no longer reported. PULSAR no longer reported.	✓	~
A new device can be attributed when there has been a change in either the case and/or the electrodes and/or the electronics and has been labelled by its own CE mark.	A new device is attributed when there has been a change in either the case and/or the electrodes and/or the electronics and has been labelled by its own CE mark. Market practice is that all cochlear implants are labeled by one CE mark per authority.	~	~	V	V
The CSR should be split into data for adults and for children and 95% confidence intervals (80% or 90% if the population is below 1,000 units) should be provided.	Reports show separate data for adults and children. This Nucleus Reliability Report contains reliability data with 95% confidence intervals, in compliance with the consensus statement. ⁴	~	No split data on adults and children. Confidence intervals not included.	~	V
Device survival time starts to count with closure of the wound intraoperatively.	Device survival time begins with closure of the wound.	V	? Not explicitly stated.	? Not explicitly stated.	V
ANSI/AAMI CI86 STANDARD REQUIREMENTS	COCHLEAR REPORTING PRACTICE				
Manufacturers shall analyse returned product and report on the reliability of the product and mechanisms of failure.	Cochlear provides implant data in compliance with the requirements for reliability reporting at www.cochear.com	V	×	V	V

[^] Latest generation of cochlear implants currently available as at 31 December 2021.

⁸

 $^{^{\}star}$ CSR is identical to Cumulative Survival Percentage (CSP).

^{** &#}x27;Mother' data refers to all data collected for a particular model of implant including all modifications to that model.

Why implant reliability matters

Longevity is an important factor when choosing an implant, especially if you are choosing for a child. High implant reliability can mean greater recipient satisfaction and less risk of additional surgery. When considering a cochlear implant, you should have access to the latest data on short and long term reliability, including success and failure rates for both adults and children.

What is Cumulative Survival Percentage (CSP)?

CSP is the metric used in this report to measure implant reliability. CSP provides information regarding the reliability of each make and model of implant over time.

CSP tells you the cumulative percentage of functioning implants over a given time period. For example, a CSP of 99% after five years means the chance of obtaining continued benefit from the cochlear implant, as described for its intended use, is 99% after five years. Put another way, the implant is 99% reliable within five years.

Calculation of CSP

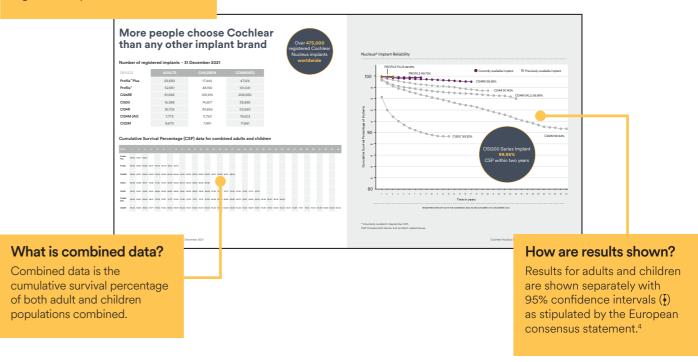
In this report, CSP includes both device and accident-related issues.

The reliability calculations used in this report are in accordance with the *International Standard ISO* 5841-2.^{2,3} They are probability calculations, which use a modified Actuarial Analysis estimator. This data estimates the probability of survival within a period of time and is represented as CSP.

How are the results shown?

What data is in this report?

The data in this report covers the entire life of implant models and registered implants* worldwide.



^{*} An implant is registered with Cochlear when the recipient/clinic/hospital submits the registration of the implanted device. Implant registrations often lag behind surgery dates.

Cochlear Nucleus Reliability Report | December 2021

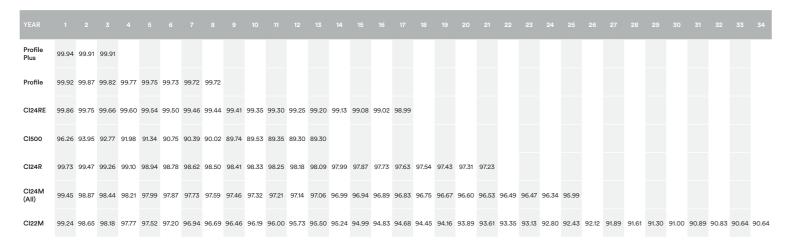
More people choose Cochlear than any other implant brand



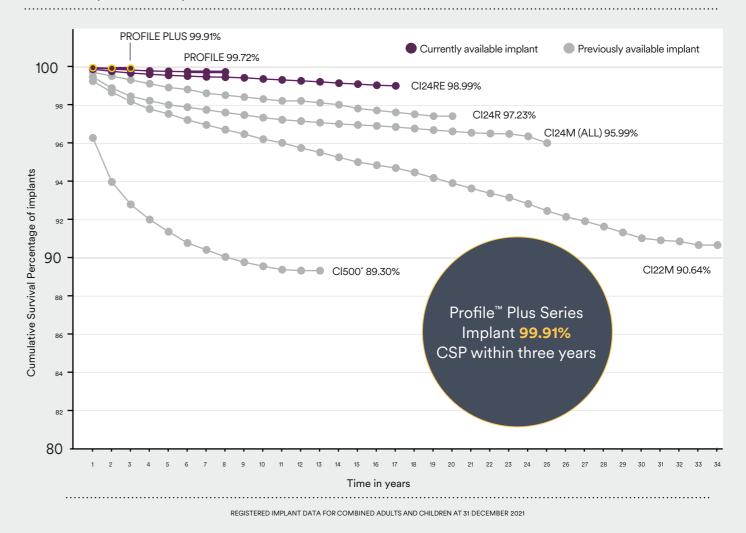
Number of registered implants - 31 December 2021

DEVICE	ADULTS	CHILDREN	COMBINED
Profile [™] Plus	29,680	17,444	47,124
Profile™	52,851	48,190	101,041
CI24RE	81,646	126,914	208,560
CI500	15,388	14,507	29,895
CI24R	18,705	34,855	53,560
CI24M (AII)	7,773	11,750	19,523
Cl22M	9,670	7,991	17,661

Cumulative Survival Percentage (CSP) data for combined adults and children



Nucleus® Implant Reliability



^{*} Voluntarily recalled in September 2011.

CSP includes both device and accident-related issues

Nucleus® Profile™ Plus Series Implant

Number of registered Profile™ Plus Series Implants - 31 December 2021

ADULTS	CHILDREN	COMBINED
29,680	17,444	47,124



Cochlear's latest implant, the Profile Plus Series, builds on the industry-leading thinness of the Profile Series Implant and provides access to MRI at 1.5 Tesla and 3.0 Tesla without the need to remove the internal magnet.

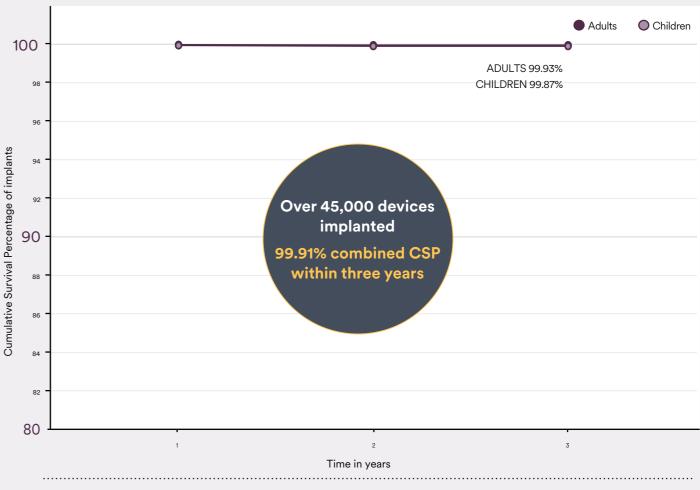
Commercially released in 2019, the Profile Plus Series Implant has delivered a combined Cumulative Survival Percentage of 99.91% within three years.

Profile Plus Series Implant Cumulative Survival Percentage

YEAR	1	2	3
Adults	99.95	99.93	99.93
Children	99.91	99.87	99.87
Combined	99.94	99.91	99.91



Profile[™] Plus Series Implant Reliability



REGISTERED IMPLANT DATA FOR COMBINED ADULTS AND CHILDREN AT 31 DECEMBER 2021

Nucleus Profile Series Implant

Number of registered Profile Series Implants - 31 December 2021

ADULTS	CHILDREN	COMBINED
52,851	48,190	101,041



At only 3.9 mm, the Profile Series Implant was commercially released in 2014 as the thinnest cochlear implant in the world.7

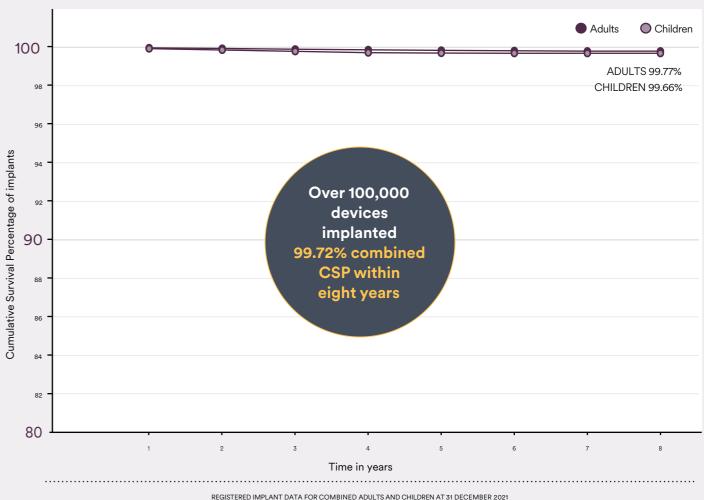
The Profile Series Implant sets the standard in implant reliability with a 99.72% combined Cumulative Survival Percentage within eight years.

Profile Series Implant Cumulative Survival Percentage

YEAR	1	2	3	4	5	6	7	8
Adults	99.94	99.91	99.87	99.84	99.81	99.79	99.77	99.77
Children	99.90	99.83	99.76	99.69	99.67	99.66	99.66	99.66
Combined	99.92	99.87	99.82	99.77	99.75	99.73	99.72	99.72



Profile[™] Series Implant Reliability



Nucleus CI24RE Series Implant

Number of registered Cl24RE Series Implants - 31 December 2021

ADULTS	CHILDREN	COMBINED
81,646	126,914	208,560



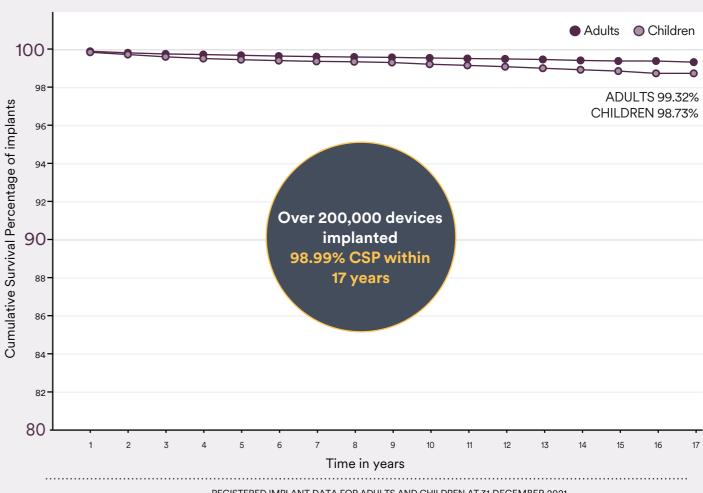
The Cl24RE Series is the world's most widely used cochlear implant.*

Released in 2005, it has a 98.99% combined Cumulative Survival Percentage within 17 years.

Cl24RE Series Implant Cumulative Survival Percentage

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Adults	99.89	99.81	99.75	99.72	99.68	99.64	99.61	99.59	99.57	99.54	99.51	99.49	99.46	99.41	99.38	99.38	99.32
Children	99.84	99.72	99.60	99.51	99.45	99.40	99.36	99.34	99.30	99.21	99.15	99.08	99.00	98.92	98.85	98.73	98.73
Combined	99.86	99.75	99.66	99.60	99.54	99.50	99.46	99.44	99.41	99.35	99.30	99.25	99.20	99.13	99.08	99.02	98.99

CI24RE Series Implant Reliability



REGISTERED IMPLANT DATA FOR ADULTS AND CHILDREN AT 31 DECEMBER 2021

Confidence intervals smaller than 0.1% may not be clearly visible in the graphs.

^{*} Based on available data8-11. MED-EL and Oticon Medical do not report number of registered cochlear implants.

CSP includes both device and accident-related issues.



Previously available implants

Nucleus® CI500 Series Implant

Number of registered CI500 Series Implants - 31 December 2021

ADULTS	CHILDREN	COMBINED
15,388	14,507	29,895



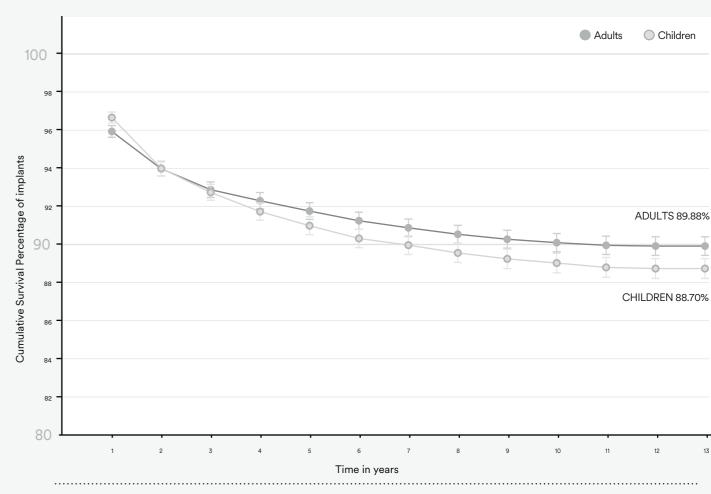
Released in 2009, the CI500 Series has a combined Cumulative Survival Percentage of 89.30% within 13 years.

The Cl500 Series was voluntarily recalled in September 2011.

CI500 Series Implant Cumulative Survival Percentage

YEAR			3				7	8		10	11	12	13
Adults	95.90	93.94	92.84	92.26	91.72	91.21	90.84	90.50	90.24	90.06	89.92	89.88	89.88
Children	96.63	93.96	92.70	91.69	90.95	90.28	89.93	89.52	89.21	88.99	88.76	88.70	88.70
Combined	96.26	93.95	92.77	91.98	91.34	90.75	90.39	90.02	89.74	89.53	89.35	89.30	89.30

CI500 Series Implant Reliability



REGISTERED IMPLANT DATA FOR ADULTS AND CHILDREN AT 31 DECEMBER 2021

Nucleus Cl24R Implant

Number of registered Cl24R Implants - 31 December 2021

ADULTS	CHILDREN	COMBINED
18,705	34,855	53,560



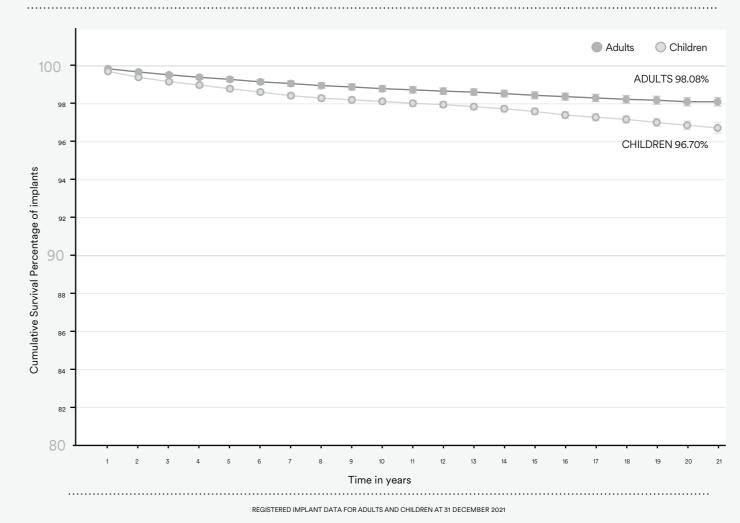
The Cl24R Implant was released in 2000 with perimodiolar (Contour Advance®) and straight electrodes.

Within 21 years, the Cl24R Implant has a combined Cumulative Survival Percentage of 97.23%.

CI24R Implant Cumulative Survival Percentage

YEAR			3				7			10	11	12	13	14	15	16	17		19	20	21
Adults	99.82	99.65	99.50	99.37	99.26	99.13	99.04	98.93	98.86	98.77	98.71	98.64	98.59	98.51	98.42	98.35	98.28	98.21	98.16	98.08	98.08
Children	99.68	99.37	99.14	98.96	98.77	98.59	98.40	98.27	98.18	98.10	98.00	97.93	97.82	97.71	97.57	97.38	97.26	97.15	96.99	96.84	96.70
Combined	99.73	99.47	99.26	99.10	98.94	98.78	98.62	98.50	98.41	98.33	98.25	98.18	98.09	97.99	97.87	97.73	97.63	97.54	97.43	97.31	97.23

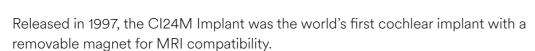
CI24R Implant Reliability



Nucleus Cl24M Implant

Number of registered Cl24M Implants - 31 December 2021

	ADULTS	CHILDREN	COMBINED
ALL	7,773	11,750	19,523
POST**	6,071	9,225	15,296



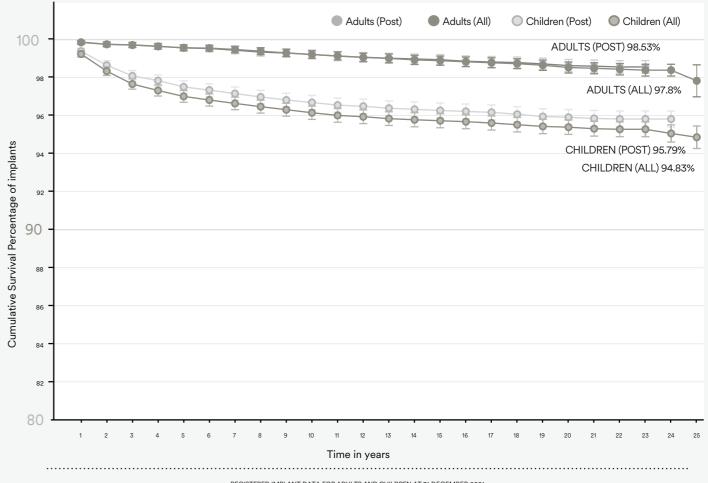
Within 25 years, the Cl24M Implant has a combined Cumulative Survival Percentage of 95.99%.

CI24M Implant Cumulative Survival Percentage

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Adults (All)	99.82	99.72	99.68	99.61	99.54	99.52	99.45	99.36	99.27	99.18	99.11	99.03	98.98	98.90	98.86	98.80	98.75	98.70	98.62	98.50	98.46	98.41	98.36	98.36	97.80
Children (All)	99.21	98.31	97.63	97.29	96.98	96.79	96.61	96.44	96.28	96.12	95.98	95.91	95.81	95.75	95.70	95.65	95.58	95.49	95.40	95.36	95.28	95.25	95.25	95.03	94.83
Combined (AII)	99.45	98.87	98.44	98.21	97.99	97.87	97.73	97.59	97.46	97.32	97.21	97.14	97.06	96.99	96.94	96.89	96.83	96.75	96.67	96.60	96.53	96.49	96.47	96.34	95.99
Adults (Post**)	99.84	99.72	99.69	99.62	99.53	99.50	99.41	99.31	99.26	99.19	99.10	99.04	98.99	98.95	98.91	98.83	98.79	98.76	98.69	98.60	98.57	98.53	98.53	#	#
Children (Post**)	99.36	98.62	98.06	97.81	97.48	97.31	97.13	96.95	96.79	96.66	96.52	96.46	96.36	96.30	96.24	96.19	96.14	96.04	95.92	95.88	95.82	95.79	95.79	95.79	#
Combined (Post**)	99.55	99.06	98.70	98.52	98.29	98.17	98.03	97.88	97.76	97.65	97.53	97.47	97.39	97.34	97.29	97.23	97.18	97.11	97.00	96.95	96.90	96.86	96.86	96.86	#

^{** &#}x27;Post' refers to the addition of a structural support component to improve impact strength. # Individual populations are less than the minimum required for a valid calculation.^{2,3}

CI24M Implant Reliability



REGISTERED IMPLANT DATA FOR ADULTS AND CHILDREN AT 31 DECEMBER 2021

Nucleus Cl22M Implant

Number of registered Cl22M Implants - 31 December 2021

ADULTS	CHILDREN	COMBINED
9,670	7,991	17,661



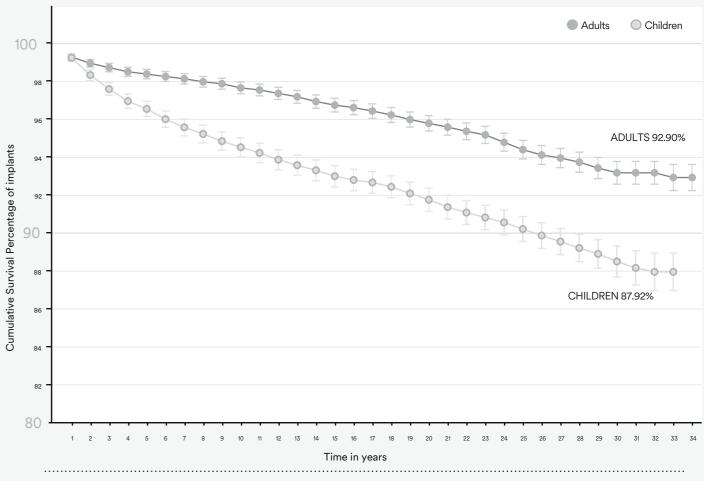
Released in 1985, the Cl22M Implant was the first commercially available multi-channel cochlear implant in the world.

Within 34 years, the Cl22M Implant has a combined Cumulative Survival Percentage of 90.64%.

CI22M Implant Cumulative Survival Percentage

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Adults	99.26	98.93	98.70	98.48	98.36	98.23	98.11	97.95	97.85	97.63	97.52	97.34	97.16	96.91	96.72	96.59	96.41
Children	99.22	98.31	97.57	96.93	96.52	95.98	95.55	95.20	94.82	94.50	94.20	93.84	93.55	93.28	92.97	92.77	92.64
Combined	99.24	98.65	98.18	97.77	97.52	97.20	96.94	96.69	96.46	96.19	96.00	95.73	95.50	95.24	94.99	94.83	94.68
YEAR		19							26			29					34
Adults	96.20	95.96	95.76	95.56	95.34	95.15	94.76	94.37	94.09	93.93	93.71	93.40	93.15	93.15	93.15	92.90	92.90
Children	92.41	92.06	91.73	91.34	91.05	90.79	90.53	90.18	89.84	89.52	89.18	88.87	88.47	88.13	87.92	87.92	#

CI22M Implant Reliability



REGISTERED IMPLANT DATA FOR ADULTS AND CHILDREN AT 31 DECEMBER 2021

Sound processor reliability

Justin, Cochlear™ Nucleus® System recipient

Why sound processor reliability matters

The reliability of a cochlear implant system depends not only on the implant, but also on the sound processor. Sound processors are typically used for a number of years, so high reliability enables ongoing access to a consistent hearing experience.

Sound processors, as an externally worn device, are subject to a range of environmental factors, so it's important to have access to the latest data on short and long term reliability.

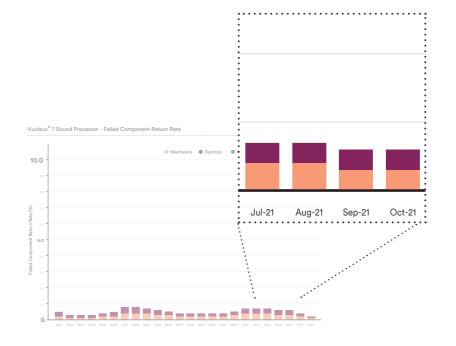
What is Failed Component Return Rate (FCRR)?

Failed Component Return Rate (FCRR) is the metric used in this report to measure sound processor reliability. FCRR provides information regarding the reliability of each make and model of sound processor.

Cochlear tests sound processors that have been returned to determine if they are working and, if not, why they failed. The FCRR is a percentage which represents the total number of failed processors received within a month compared to the total number of the same processor sold by the end of that month.

For example, if 20 faulty sound processors are returned in a month and 10,000 of the same sound processors have been sold as at the end of the month, the FCRR is 0.2%.

How are the results shown?



What is mechanical failure?

A functional failure resulting from physical damage caused by mechanical stress, chemical exposure, or ultraviolet (UV) exposure that is a result of normal use.

What is electrical failure?

A functional failure of the electronics or the electronic assembly.

What is moisture damage failure?

A functional failure that is a result of moisture ingress. This category excludes corrosion an other similar damage unless it results in a functional failure.

What is other/unknown failure?

Failures that don't fit in the below categories (e.g. firmware failures).

What is Fault-Free data?

A returned device that is found to be fully functional is classified as faultfree. The device condition might reflect normal wear and tear, such as minor mechanical damage (including scratches, cracks, and discolouration), corrosion, and/or moisture damage that did not result in a functional failure.

Fail mode	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
Mechanical	0.2%	0.2%	0.2%	0.2%	0.3%	0.4%	0.4%	0.4%	0.3%	0.3%	0.2%	0.1%
Electrical	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	0.1%
Moisture	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Fault-Free	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.1%

Nucleus Kanso® 2 Sound Processor

Released in 2020, the Nucleus® Kanso® 2 Sound Processor combines our latest connectivity* features and a simple and durable all-in-one design in the smallest and lightest rechargeable off-the-ear sound processor.¹²



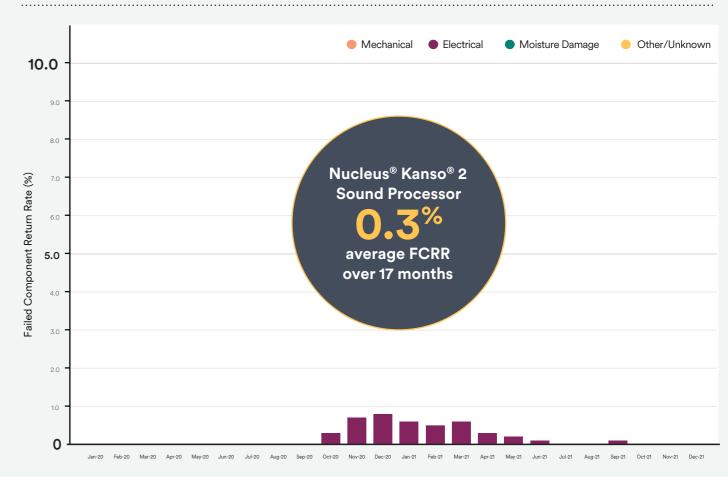
Nucleus Kanso 2 Sound Processor - Component Return Rate

Fail mode	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Mechanical	-	-	-	-	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%
Electrical	-	-	-	-	-	-	-	0.0%	0.0%	0.3%	0.7%	0.8%
Moisture	-	-	-	-	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%
Other	-	-	-	-	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%
Fault-Free	-	-	-	-	-	-	-	0.1%	0.0%	0.1%	0.3%	0.3%

Fail mode	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
Mechanical	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Electrical	0.6%	0.5%	0.6%	0.3%	0.2%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
Moisture	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Fault-Free	0.3%	0.3%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%

* The Cochlear Kanso 2 Sound Processor is compatible with Apple and Android™ devices. For compatibility information visit www.cochlear.com/compatibility.

Nucleus® Kanso® 2 Sound Processor - Failed Component Return Rate



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Nucleus® 7 Sound Processor

Released in 2017, the Nucleus® 7 Sound Processor is our smallest and lightest¹² behind-the-ear sound processor offering world-first connectivity and control directly from a compatible smartphone.*



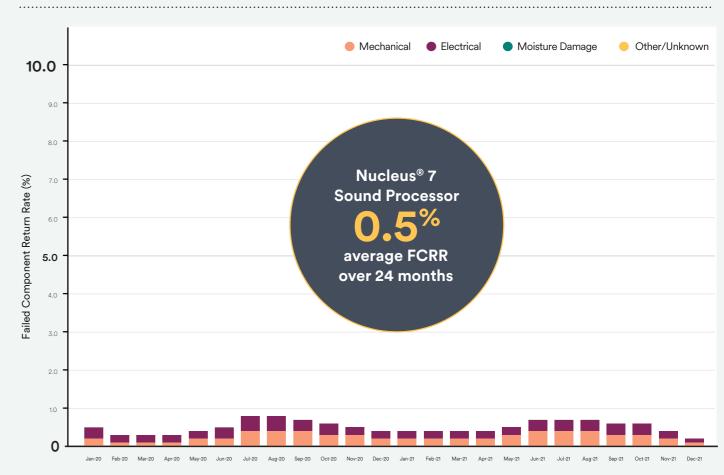
Nucleus 7 Sound Processor - Component Return Rate

Fail mode	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Mechanical	0.2%	0.1%	0.1%	0.1%	0.2%	0.2%	0.4%	0.4%	0.4%	0.3%	0.3%	0.2%
Electrical	0.3%	0.2%	0.2%	0.2%	0.2%	0.3%	0.4%	0.4%	0.3%	0.3%	0.2%	0.2%
Moisture	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Fault-Free	0.2%	0.2%	0.2%	0.2%	0.1%	0.2%	0.2%	0.1%	0.1%	0.2%	0.1%	0.2%

Fail mode	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
Mechanical	0.2%	0.2%	0.2%	0.2%	0.3%	0.4%	0.4%	0.4%	0.3%	0.3%	0.2%	0.1%
Electrical	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	0.1%
Moisture	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Fault-Free	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.1%

* The Cochlear Nucleus 7 Sound Processor is compatible with Apple and Android™ devices. For compatibility information visit www.cochlear.com/compatibility.

Nucleus® 7 Sound Processor - Failed Component Return Rate



Appendix

GRAPHICAL REPRESENTATION OF IMPLANT DATA

Each implant graph represents a type of device based on the receiver/stimulator portion.

RECEIVER/ STIMULATOR	IMPLANTS*
Profile [™] Plus Series	Cochlear [™] Nucleus [®] Profile [™] Plus with Contour Advance [®] Electrode (Cl612) Cochlear Nucleus Profile Plus with Slim Straight Electrode (Cl622) Cochlear Nucleus Profile Plus with Slim Modiolar Electrode (Cl632) Cochlear Nucleus Profile Plus with Slim 20 Electrode (Cl624)
Profile Series	Cochlear Nucleus Profile with Contour Advance Electrode (CI512) Cochlear Nucleus Profile with Slim Straight Electrode (CI522) Cochlear Nucleus Profile with Slim Modiolar Electrode (CI532) Cochlear Nucleus Profile Auditory Brainstem Implant (ABI541)
CI24RE Series	Nucleus Freedom® with Contour Advance Electrode Nucleus Freedom with Straight Electrode Cochlear Nucleus Cl422 Cochlear Implant Cochlear Hybrid™ L24 Cochlear Implant
Cl500 Series	Cochlear Nucleus CI512 Cochlear Implant Cochlear Nucleus CI513 Cochlear Implant Cochlear Nucleus CI551 Double Array Cochlear Implant Cochlear Nucleus ABI541 Auditory Brainstem Implant
CI24R	Nucleus 24 with Contour Advance Electrode Nucleus 24 with Contour® Electrode Nucleus 24k with Straight Electrode
Cl24M	Nucleus 24 with Straight Electrode Nucleus 24 with Double Array Nucleus 24 Auditory Brainstem Implant [ABI]
CI22M	Nucleus 22

^{*} Implant availability varies by market

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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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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 instructions for use. Not all products are available in all countries. Please contact your local Cochlear representative for product information.

ACE, Advance Off-Stylet, AOS, AutoNRT, Autosensitivity, Beam, Bring Back the Beat, Button, Carina, Cochlear, 科利耳, コクレア, 코클리어, Cochlear SoftWear, Codacs, Contour, Contour Advance, Custom Sound, ESPrit, Freedom, Hear now. And always, Hugfit, Hybrid, Invisible Hearing, Kanso, MET, MicroDrive, MP3000, myCochlear, mySmartSound, NRT, Nucleus, Outcome Focused Fitting, Off-Stylet, Slimline, SmartSound, Softip, SPrint, True Wireless, the elliptical logo, and Whisper are either trademarks or registered trademarks of Cochlear Limited. Ardium, Baha, Baha SoftWear, BCDrive, DermaLock, EveryWear, SoundArc, Vistafix, and WindShield are either trademarks or registered trademarks of Cochlear Bone Anchored Solutions AB.

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