



Reliability Report December 2022

IMPLANTABLE COCHLEAR STIMULATORS
AND SOUND PROCESSORS

POWERFUL CONNECTIONS



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AN UPDATE FROM THE PRESIDENT OF ADVANCED BIONICS

Advanced Bionics has had a more than 25-year dedication to innovation which has brought sound to over 140,000 ears in 135 countries. As the President of AB, I am honored to lead further development by implementing new standards of reliability, including rigorous quality testing of products exceeding the international standards, and the development of new tests which simulate accelerated aging to reveal how the implant will perform in the human body over decades.

Fully transparent communication with the cochlear implant community is an ongoing commitment from the AB team and me. We continue to share reliability on all AB implants and current sound processors semi-annually using reporting methodologies recommended by both the International Organization for Standardization in ISO 5841-2:2014,¹ the principles outlined in the European Consensus on Cochlear Implant Failures and Explanations,² and ANSI/AAMI CI86: (2017) Cochlear Implant Systems: Requirements for Safety, Functional Verification, Labeling and Reliability Reporting.³ Additionally, we share quarterly updates through our sales force, providing reassurance to you and your patients.

Today, AB continues transparent communication by presenting the December 2022 Reliability Report. The HiRes™ Ultra 3D V2, our flagship cochlear implant, demonstrates the highest reliability in our history with a combined adult and pediatric Cumulative Survival Rate (CSR) of 99.97% at two years. Combining the technology of this implant with the advanced sound processing and universal connectivity of Marvel CI, AB is providing patients with highly reliable and innovative hearing products.

I am honored to lead this remarkable company by fostering the development of innovative and durable technology that will improve the lives of people with hearing loss around the globe.



Victoria E. Carr-Brendel, Ph.D.
PRESIDENT, ADVANCED BIONICS

1. ISO 5841-2 (2014) Implants for Surgery – Cardiac Pacemakers. International Organization for Standardization (ISO), Geneva, Switzerland.
2. European Consensus Statement on Cochlear Implant Failures and Explanations. (2005) Otology and Neurology, 26(6): 1097-1099.
3. ANSI/AAMI CI86. Cochlear Implant Systems: Requirements for Safety, Functional Verification, Labeling and Reliability Reporting. (2017). Arlington, VA: American National Standards Institute.



INTERPRETING TABLES AND GRAPHS

IMPLANTABLE COCHLEAR STIMULATORS

Number of registered HiRes Ultra 3D V2 implants

As of October 1, 2022.

Date of first commercial introduction: 2019.^a

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	10196	3917	14873 ^b
ANSI/AAMI CI86	11629 ^c	3244	14873

Number of registered users is detailed for adults, children (defined as less than 18 years at implantation by ISO 5841, and less than 10 years at implantation by CI86), and a combination of all ages in accordance with reporting methodologies.

- a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.
 b. The combined number also includes any registered users for whom we do not have date of birth information.
 c. The adult number also includes users whose personal information is not available or may not be obtainable due to certain privacy laws in certain countries.

Graph title shows the implant name and any additional identifying information.

HiRes Ultra 3D V2 ISO 5841-2:2014



Cumulative Survival Rate (CSR) shows the percentage of implant that are still functional after the time in years indicated in the table and on the graph. You may also see this described as Cumulative Survival Percentage.

CUMULATIVE SURVIVAL PERCENTAGE

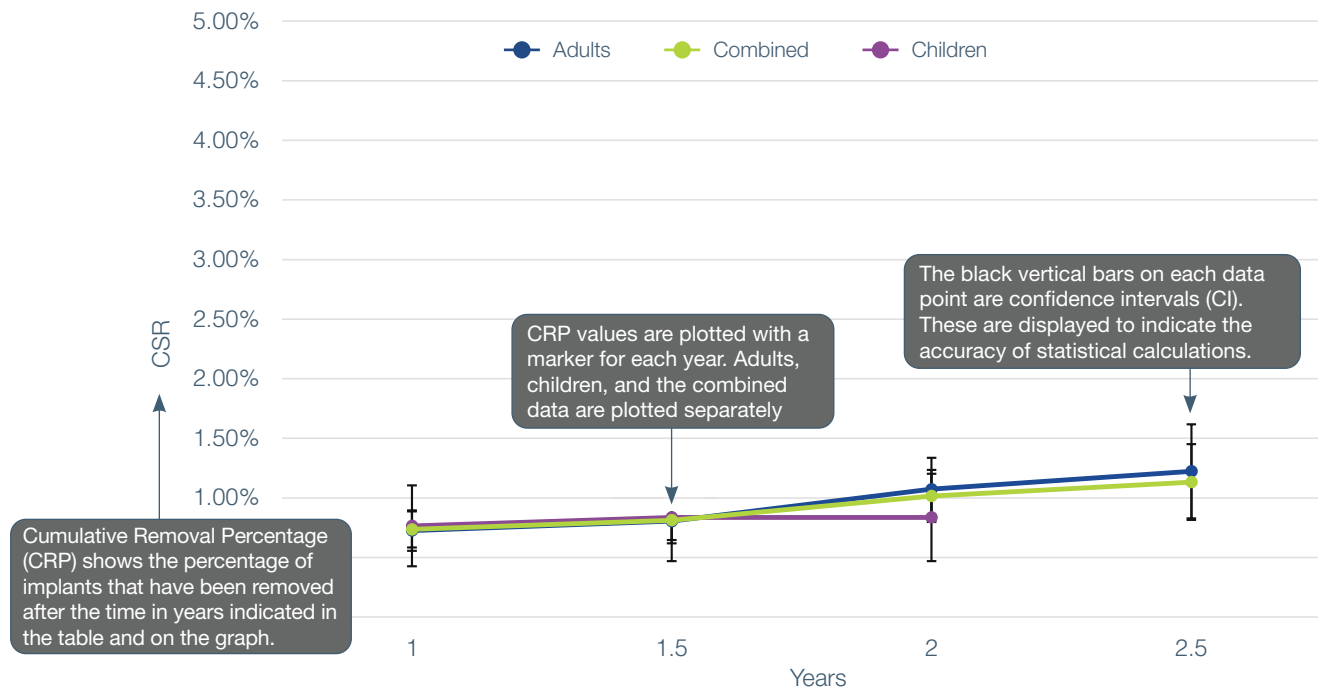
Years in use	1	1.5	2	2.5
ADULTS	100.00%	100.00%	99.98%	99.98%
COMBINED	99.98%	99.97%	99.97%	99.97%
CHILDREN	99.93%	99.93%	99.93%	N/A*

Detailed CSR percentages are shown for each year in the table. Results are shown as: adult, children and combined total.

*Sample size is not large enough at 2.5 years (<200 implants)

Graph title shows the implant name and any additional identifying information.

HiRes Ultra 3D V2 ANSI/AAMI CI86 STANDARD



The ANSI/AAMI CI86 Standard requires that all removed devices are classified into three categories based on the rationale for explantation: device failure, medical reason, or inconclusive.

COMBINED ADULT AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
					CI Higher	CI Lower
1	0.72%	0.02%	0.00%	0.74%	0.89%	0.58%
1.5	0.78%	0.03%	0.00%	0.81%	0.98%	0.65%
2	0.98%	0.03%	0.00%	1.02%	1.24%	0.80%
2.5	1.10%	0.03%	0.00%	1.13%	1.45%	0.82%

Detailed CRP values are shown for each year in the table.

Throughout this report, we will present the data and graphs to represent the conditions for: analysis by category for adults and children; removal rates by analysis category for adults and children, and all analysis categories for adults and children combined.

Not all data may be shown alongside the graphs due to space limitations. Please see the **Appendix** at the end of the report for a complete data set.

CURRENT-GENERATION IMPLANT DATA

HIRES ULTRA 3D V2

The HiRes™ Ultra 3D (V2) cochlear implant is an update to the previous HiRes Ultra 3D (V1) device. Based off the standard HiRes Ultra platform but featuring an innovative multi-magnet assembly, the HiRes Ultra 3D V2 implant allows the use of clinical MRI at 1.5T and 3T without the need for magnet removal or head-banding. Due to the low torque, the recipient can be expected to have a hassle free and pain free experience.

The HiRes Ultra 3D (V2) device has a Cumulative Survival Rate (CSR) of 99.96%.



Number of registered HiRes Ultra 3D V2 implants

As of October 1, 2022.

Date of first commercial introduction: 2019.^a

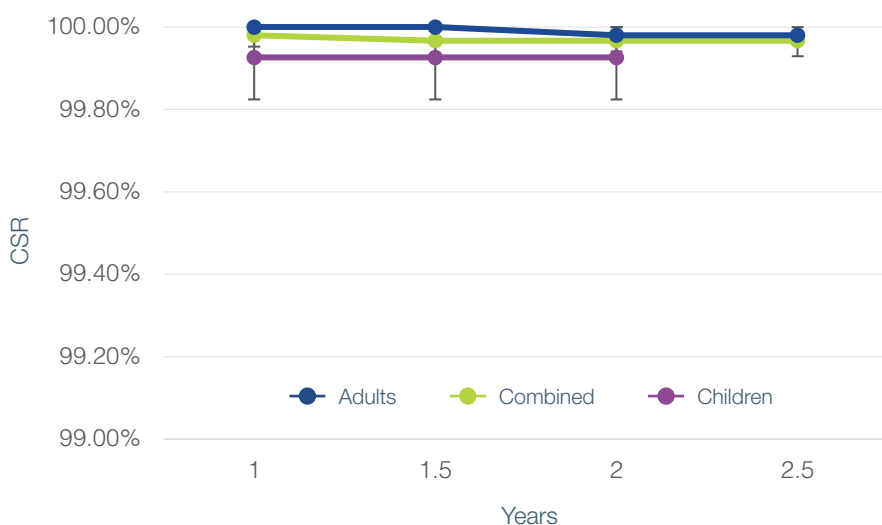
STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	10196	3917	14873 ^b
ANSI/AAMI CI86	11629 ^c	3244	14873

a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.

b. The combined number also includes any registered users for whom we do not have date of birth information.

c. The adult number also includes users whose personal information is not available or may not be obtainable due to certain privacy laws in certain countries.

ISO 5841-2:2014



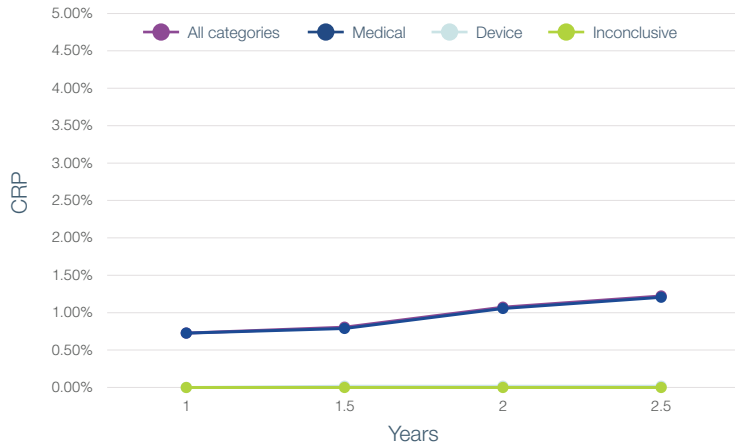
CUMULATIVE SURVIVAL PERCENTAGE

Years in use	1	1.5	2	2.5
ADULTS	100.00%	99.98%	99.98%	99.98%
COMBINED	99.98%	99.97%	99.97%	99.97%
CHILDREN	99.93%	99.93%	99.93%	N/A*

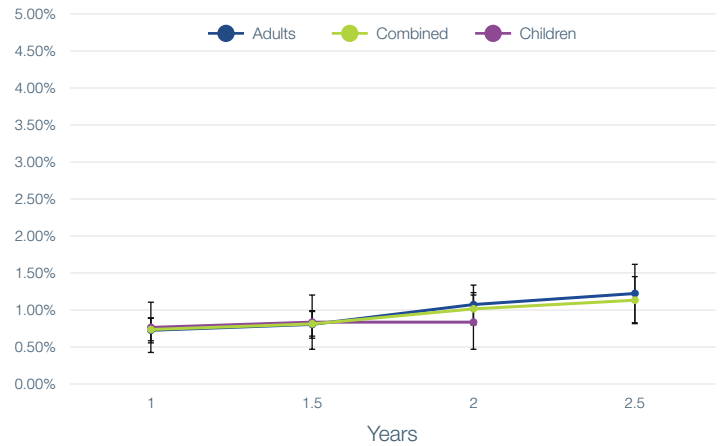
*Sample size is not large enough at 2.5 years (<200 implants)

ANSI/AAMI CI86

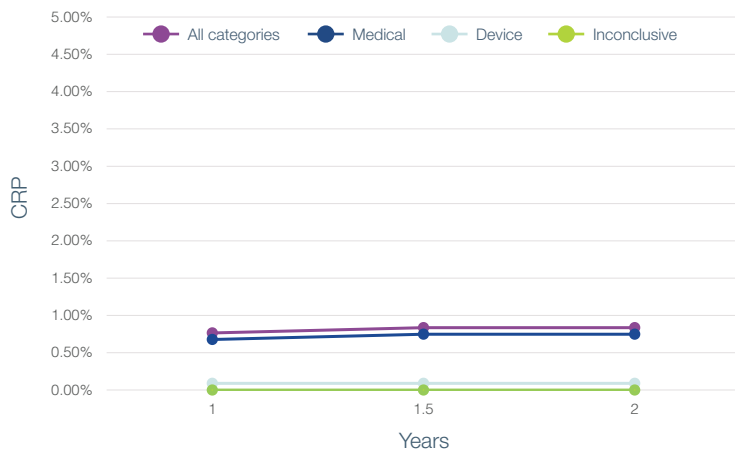
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



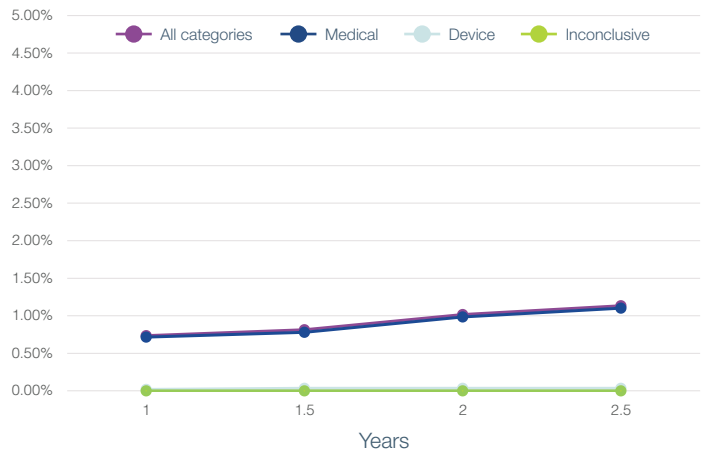
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



REMOVAL RATES ANALYSIS CATEGORIES FOR CHILDREN



REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS AND CHILDREN



COMBINED ADULT AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
					CI Higher	CI Lower
1	0.72%	0.02%	0.00%	0.74%	0.89%	0.58%
1.5	0.78%	0.03%	0.00%	0.81%	0.98%	0.65%
2	0.98%	0.03%	0.00%	1.02%	1.24%	0.80%
2.5	1.10%	0.03%	0.00%	1.13%	1.45%	0.82%

Not all data may be shown alongside the graphs due to space limitations. Please see the **Appendix** at the end of the report for a complete data set.

HIRES ULTRA V2

Featuring the proven performance platform as the HiRes 90K™ Advantage, the HiRes Ultra (V2) offers a robust, thin, and discreet mechanical design that is suitable for adults and children.



Number of registered HiRes Ultra V2 implants

As of October 1, 2022.
Date of first commercial introduction: 2019.^a

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	750	2494	4328 ^b
ANSI/AAMI CI86	1930 ^c	2308	4238

- a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.
b. The combined number also includes any registered users for whom we do not have date of birth information.
c. The adult number also includes users whose personal information is not available or may not be obtainable due to certain privacy laws in certain countries.

ISO 5841-2:2014



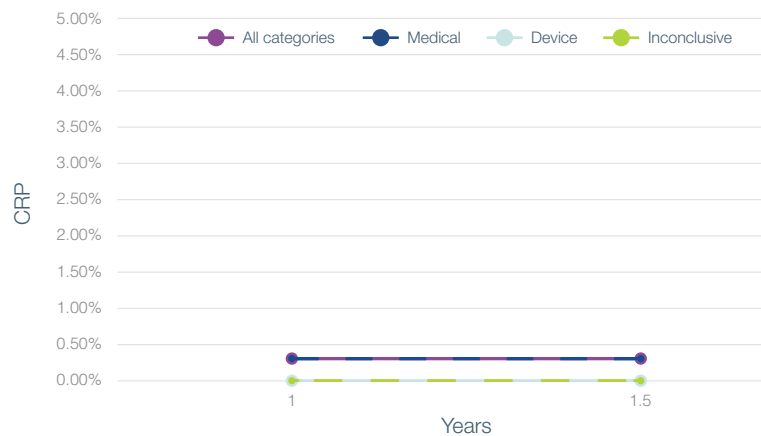
CUMULATIVE SURVIVAL PERCENTAGE

Years in use	1	1.5	2
ADULTS	100.00%	100.00%	N/A*
COMBINED	99.97%	99.97%	99.97%
CHILDREN	99.95%	99.95%	N/A*

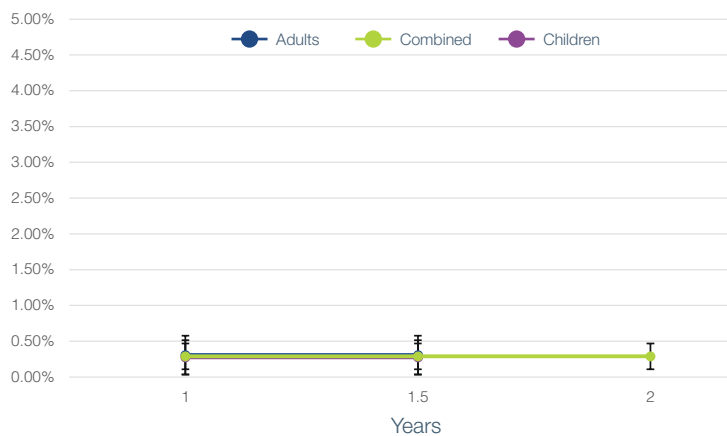
*Sample size is not large enough at 2 years (<200 implants)

ANSI/AAMI CI86

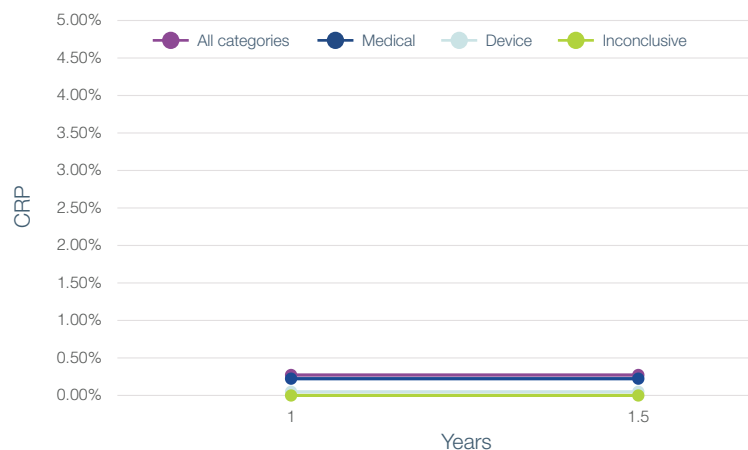
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



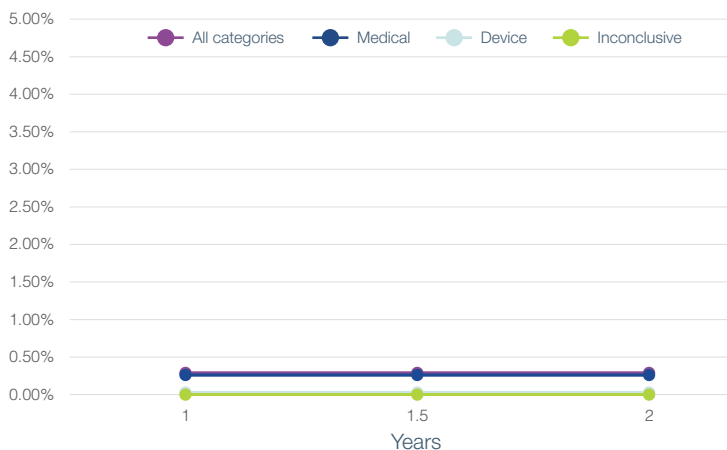
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



REMOVAL RATES ANALYSIS CATEGORIES FOR CHILDREN



REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS AND CHILDREN



COMBINED ADULTS AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
					CI Higher	CI Lower
1	0.26%	0.03%	0.00%	0.29%	0.47%	0.11%
1.5	0.26%	0.03%	0.00%	0.29%	0.47%	0.11%
2	0.26%	0.03%	0.00%	0.29%	0.47%	0.11%

Not all data may be shown alongside the graphs due to space limitations. Please see the **Appendix** at the end of the report for a complete data set.

PREVIOUS-GENERATION IMPLANT DATA

HIRES ULTRA 3D V1

The HiRes™ Ultra (V2) cochlear implant is an update to the previous HiRes Ultra (V1) device. Advanced Bionics will continue to provide regular reliability updates on the HiRes Ultra platform as new data and information becomes available.

Number of registered HiRes Ultra 3D (V1) implants

As of October 1, 2022.

Last year of distribution: subject to voluntary field action February, 2020.^a

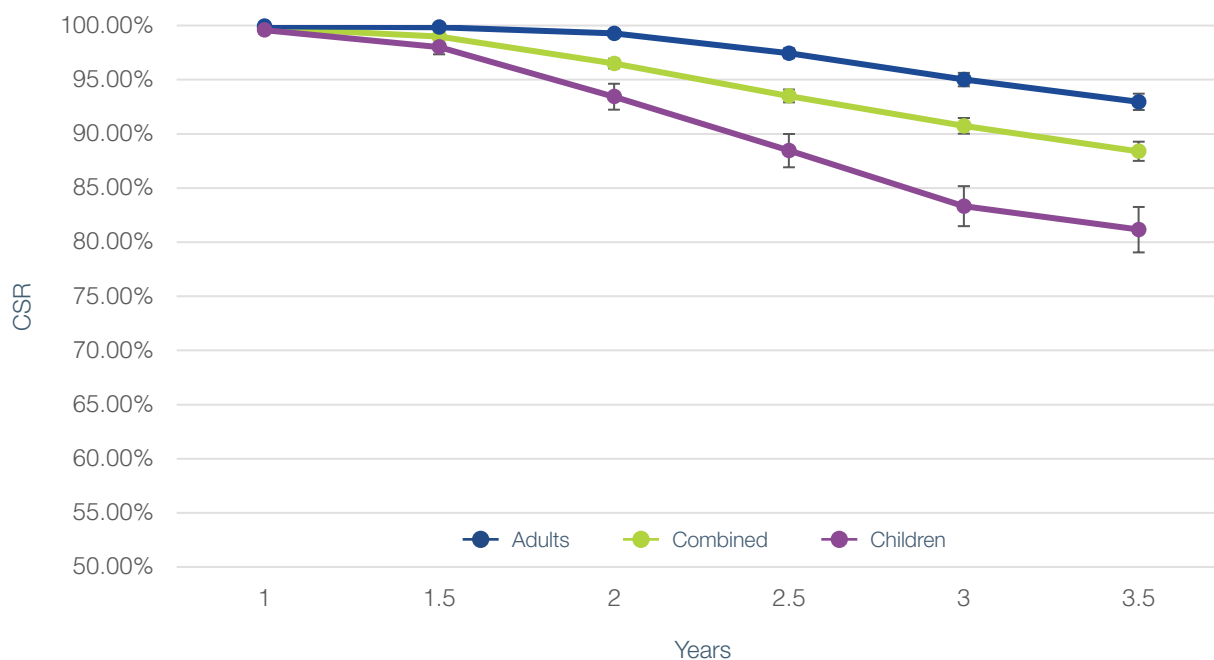
STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	4794	1695	6691 ^b
ANSI/AAMI CI86	5260 ^c	1431	6691

a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.

b. The combined number also includes any registered users for whom we do not have date of birth information.

c. The adult number also includes users whose personal information is not available or may not be obtainable due to certain privacy laws in certain countries.

ISO 5841-2:2014

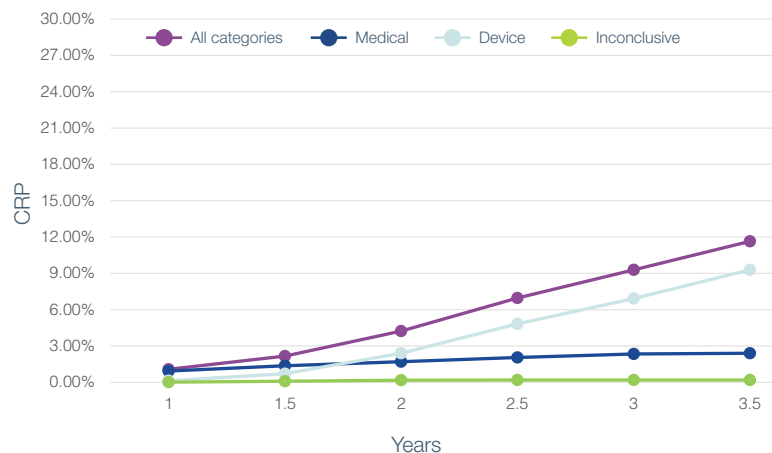


CUMULATIVE SURVIVAL PERCENTAGE

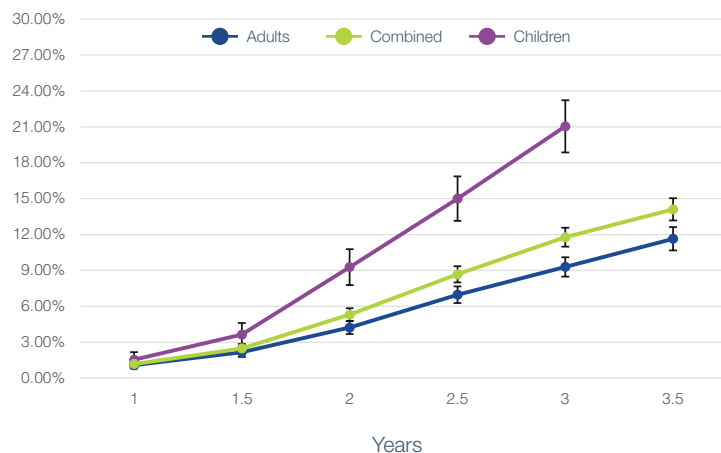
Years in use	1	1.5	2	2.5	3	3.5
ADULTS	99.94%	99.85%	99.28%	97.45%	95.02%	92.96%
COMBINED	99.79%	98.99%	96.49%	93.50%	90.74%	88.38%
CHILDREN	99.58%	98.03%	93.44%	88.45%	83.32%	81.15%

ANSI/AAMI CI86

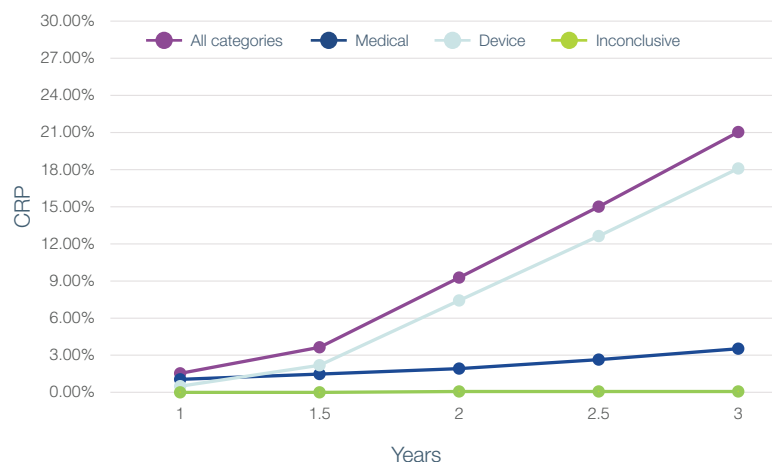
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



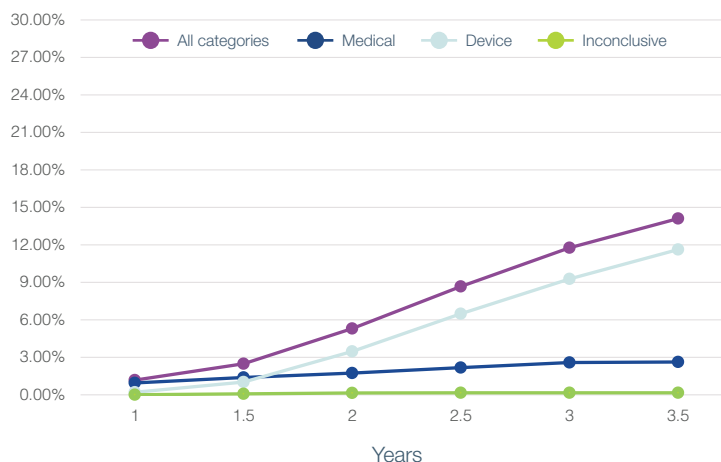
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



REMOVAL RATES ANALYSIS CATEGORIES FOR CHILDREN



REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS AND CHILDREN



COMBINED ADULTS AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
					CI Higher	CI Lower
1	0.96%	0.21%	0.02%	1.18%	1.44%	0.92%
1.5	1.40%	1.03%	0.08%	2.49%	2.86%	2.11%
2	1.75%	3.48%	0.15%	5.31%	5.85%	4.77%
2.5	2.18%	6.48%	0.17%	8.68%	9.35%	8.00%
3	2.58%	9.28%	0.17%	11.77%	12.56%	10.98%
3.5	2.63%	11.63%	0.17%	14.10%	15.04%	13.17%

Not all data may be shown alongside the graphs due to space limitations. Please see the **Appendix** at the end of the report for a complete data set.

HIRES ULTRA v1

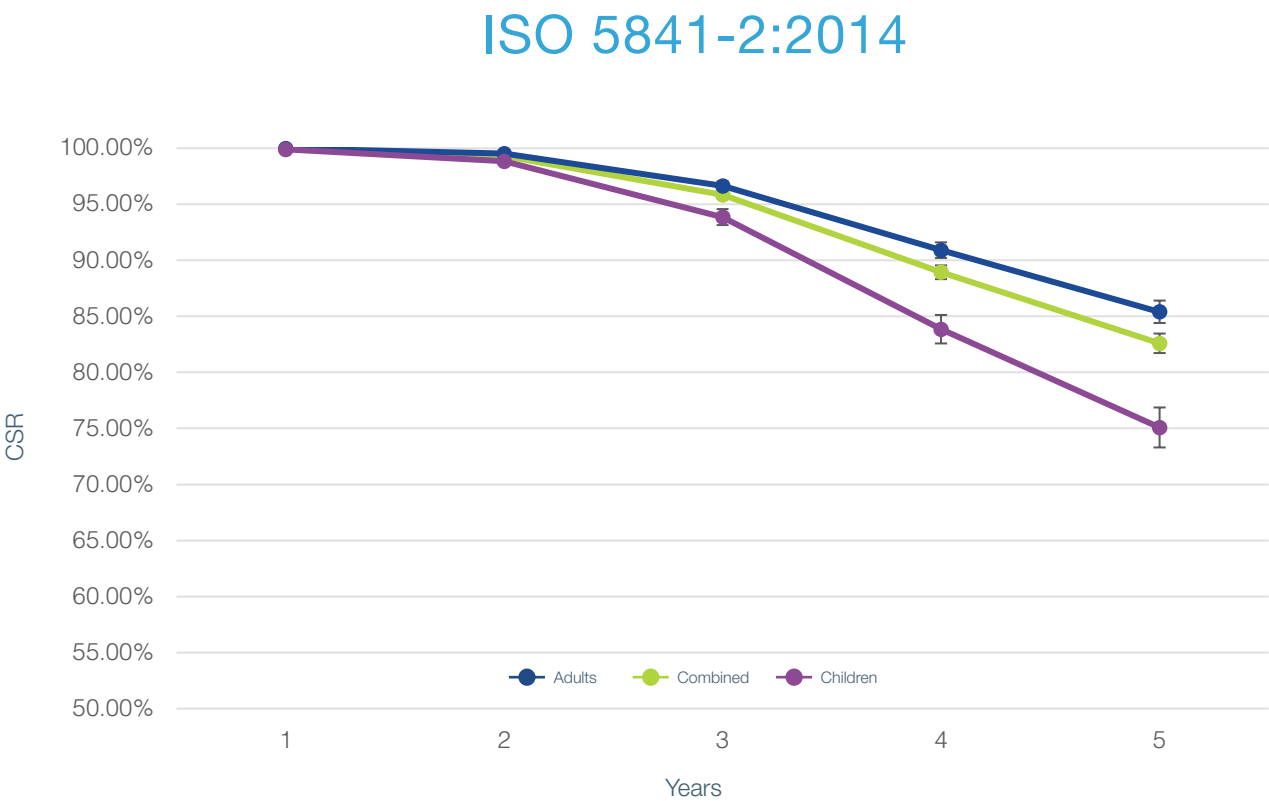
The HiRes™ Ultra (V1) cochlear implant was subject to a Voluntary Field Action initiated by Advanced Bionics in February 2020, and was withdrawn from sale worldwide. This was due to recognition of a common failure mode for a small number of devices, resulting in loss of clinical benefit. Advanced Bionics will continue to provide regular reliability updates on the HiRes Ultra platform as new data and information becomes available.

Number of registered HiRes Ultra (V1) implants

As of October 1, 2022.
Last year of distribution: subject to voluntary field action February, 2020.^a

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	7297	4465	12547 ^b
ANSI/AAMI CI86	8627 ^c	3920	12547

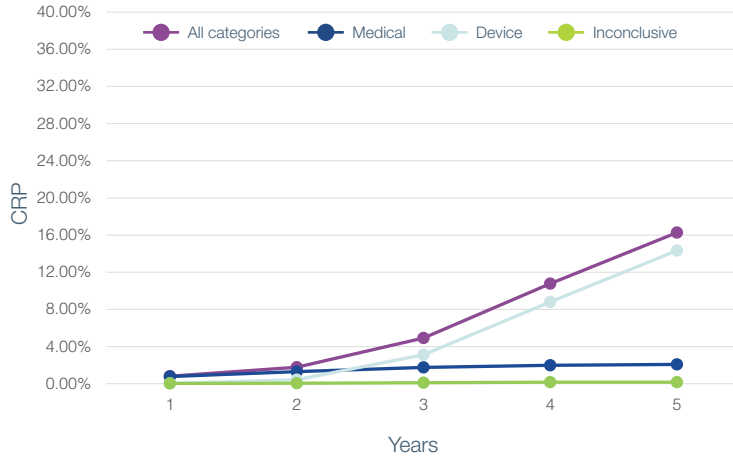
- a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.
- b. The combined number also includes any registered users for whom we do not have date of birth information.
- c. The adult number also includes users whose personal information is not available or may not be obtainable due to certain privacy laws in certain countries.



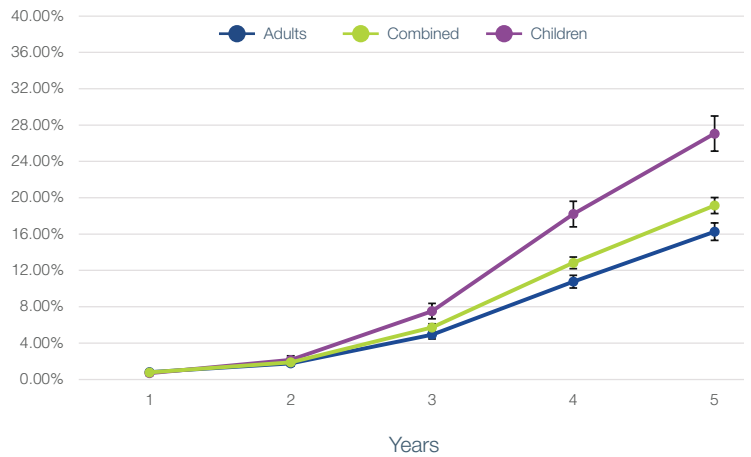
CUMULATIVE SURVIVAL PERCENTAGE					
Years in use	1	2	3	4	5
ADULTS	99.97%	99.51%	96.63%	90.89%	85.40%
COMBINED	99.94%	99.29%	95.83%	88.94%	82.59%
CHILDREN	99.89%	98.82%	93.85%	83.84%	75.07%

ANSI/AAMI CI86

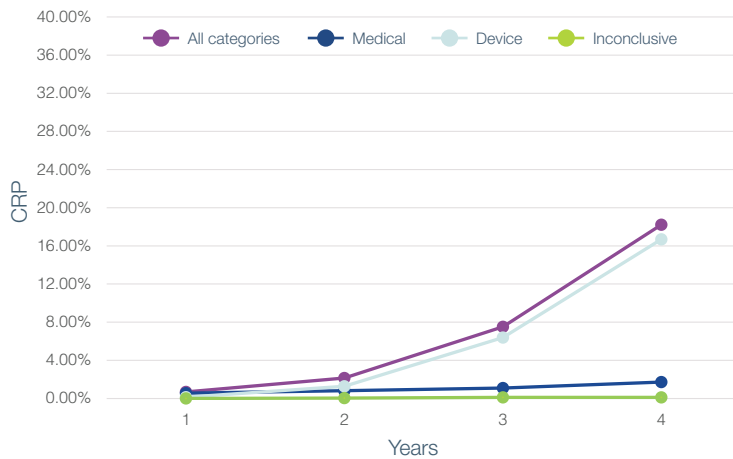
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



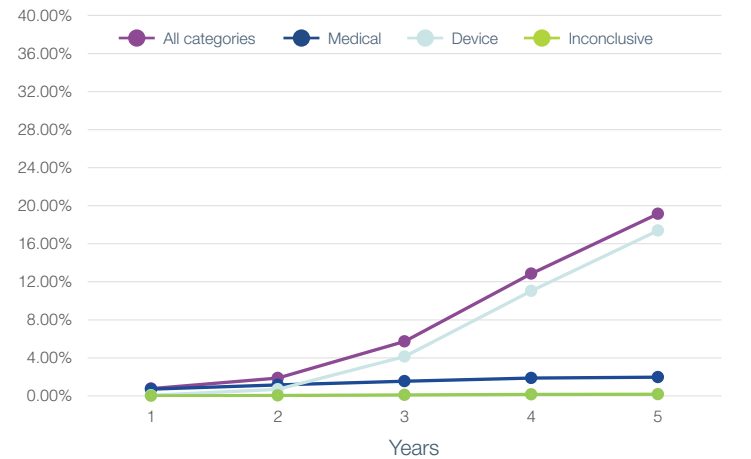
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



REMOVAL RATES ANALYSIS CATEGORIES FOR CHILDREN



REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS AND CHILDREN



COMBINED ADULTS AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
					CI Higher	CI Lower
1	0.70%	0.06%	0.02%	0.77%	0.93%	0.62%
2	1.15%	0.69%	0.05%	1.88%	2.12%	1.65%
3	1.55%	4.14%	0.11%	5.72%	6.13%	5.31%
4	1.88%	11.04%	0.15%	12.84%	13.48%	12.20%
5	1.97%	17.38%	0.17%	19.15%	20.02%	18.27%

Not all data may be shown alongside the graphs due to space limitations. Please see the **Appendix** at the end of the report for a complete data set.

HIRES 90K ADVANTAGE

The HiRes 90K™ Advantage cochlear implant offers mechanical improvements over its predecessor, the HiRes 90K cochlear implant. It has the capability to offer advanced sound coding strategies, together with the security of a deep bone bed.



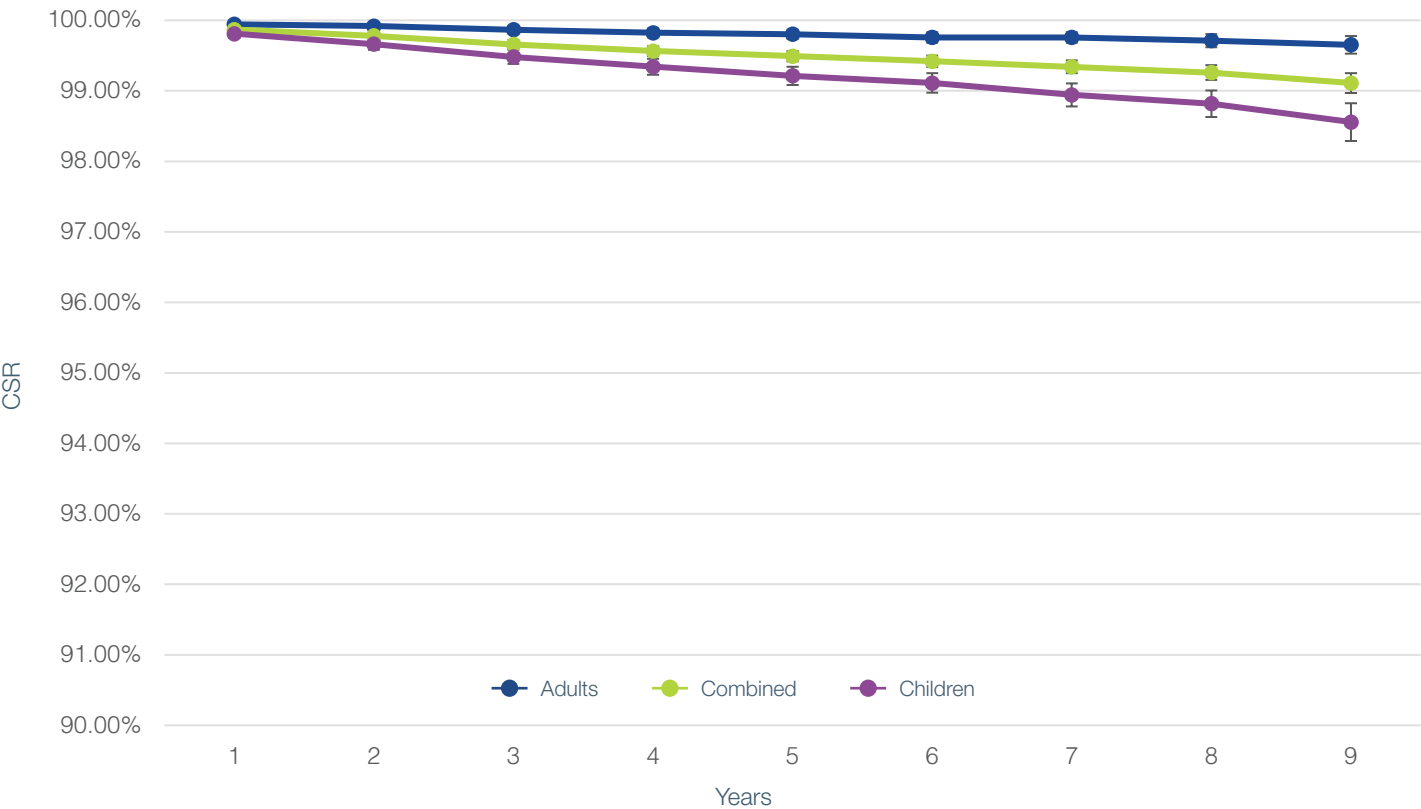
Number of registered HiRes 90K Advantage implants

As of October 1, 2022.
Date of first commercial introduction: 2012. Still available in selected markets.^a

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	17675	21240	38915 ^b
ANSI/AAMI CI86	19870 ^c	19045	38915

- a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.
- b. The combined number also includes any registered users for whom we do not have date of birth information.
- c. The adult number also includes users whose personal information is not available or may not be obtainable due to certain privacy laws in certain countries.

ISO 5841-2:2014

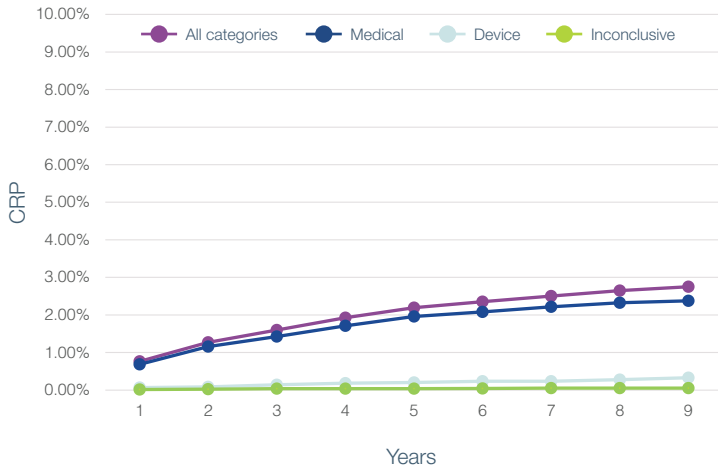


CUMULATIVE SURVIVAL PERCENTAGE

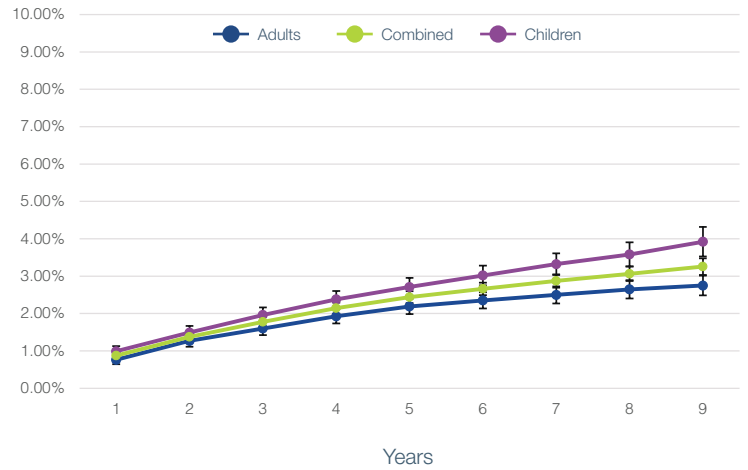
Years in use	1	2	3	4	5	6	7	8	9
ADULTS	99.94%	99.92%	99.87%	99.82%	99.80%	99.76%	99.76%	99.71%	99.65%
COMBINED	99.87%	99.78%	99.66%	99.57%	99.49%	99.42%	99.34%	99.26%	99.11%
CHILDREN	99.81%	99.66%	99.48%	99.34%	99.21%	99.11%	98.94%	98.82%	98.56%

ANSI/AAMI CI86

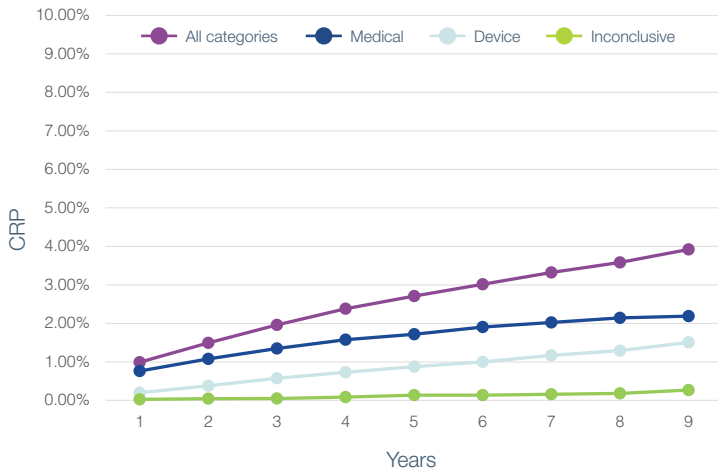
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



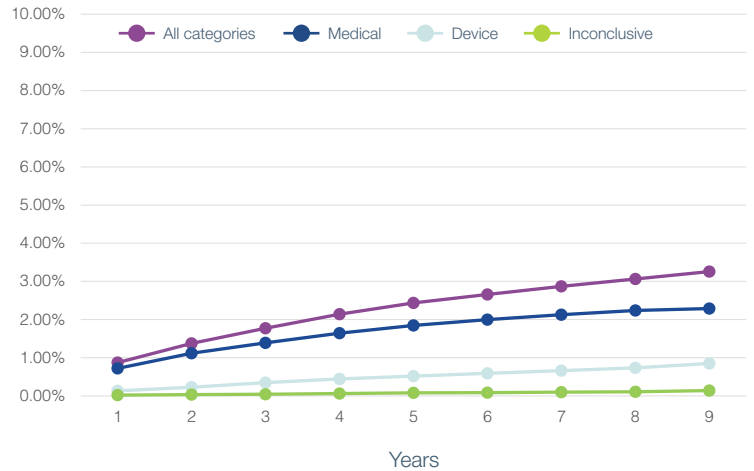
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



REMOVAL RATES ANALYSIS CATEGORIES FOR CHILDREN



REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS AND CHILDREN



COMBINED ADULT AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
					CI Higher	CI Lower
1	0.72%	0.13%	0.02%	0.87%	0.97%	0.78%
2	1.12%	0.23%	0.03%	1.38%	1.50%	1.26%
3	1.39%	0.35%	0.04%	1.77%	1.91%	1.64%
4	1.65%	0.45%	0.06%	2.14%	2.29%	2.00%
5	1.85%	0.52%	0.08%	2.44%	2.60%	2.28%
6	2.00%	0.59%	0.08%	2.66%	2.83%	2.49%
7	2.13%	0.66%	0.10%	2.87%	3.05%	2.69%
8	2.24%	0.73%	0.11%	3.06%	3.26%	2.87%
9	2.29%	0.85%	0.14%	3.26%	3.48%	3.03%

Not all data may be shown alongside the graphs due to space limitations. Please see the **Appendix** at the end of the report for a complete data set.

HIRES 90K vendor A post-mod

The HiRes 90K™ cochlear implant offers access to advanced sound coding technologies. It has undergone manufacturing modifications, with the version currently available being designated as the HiRes 90K (vendor A post-mod) implant.

Number of registered HiRes 90K implants (vendor A post-mod)

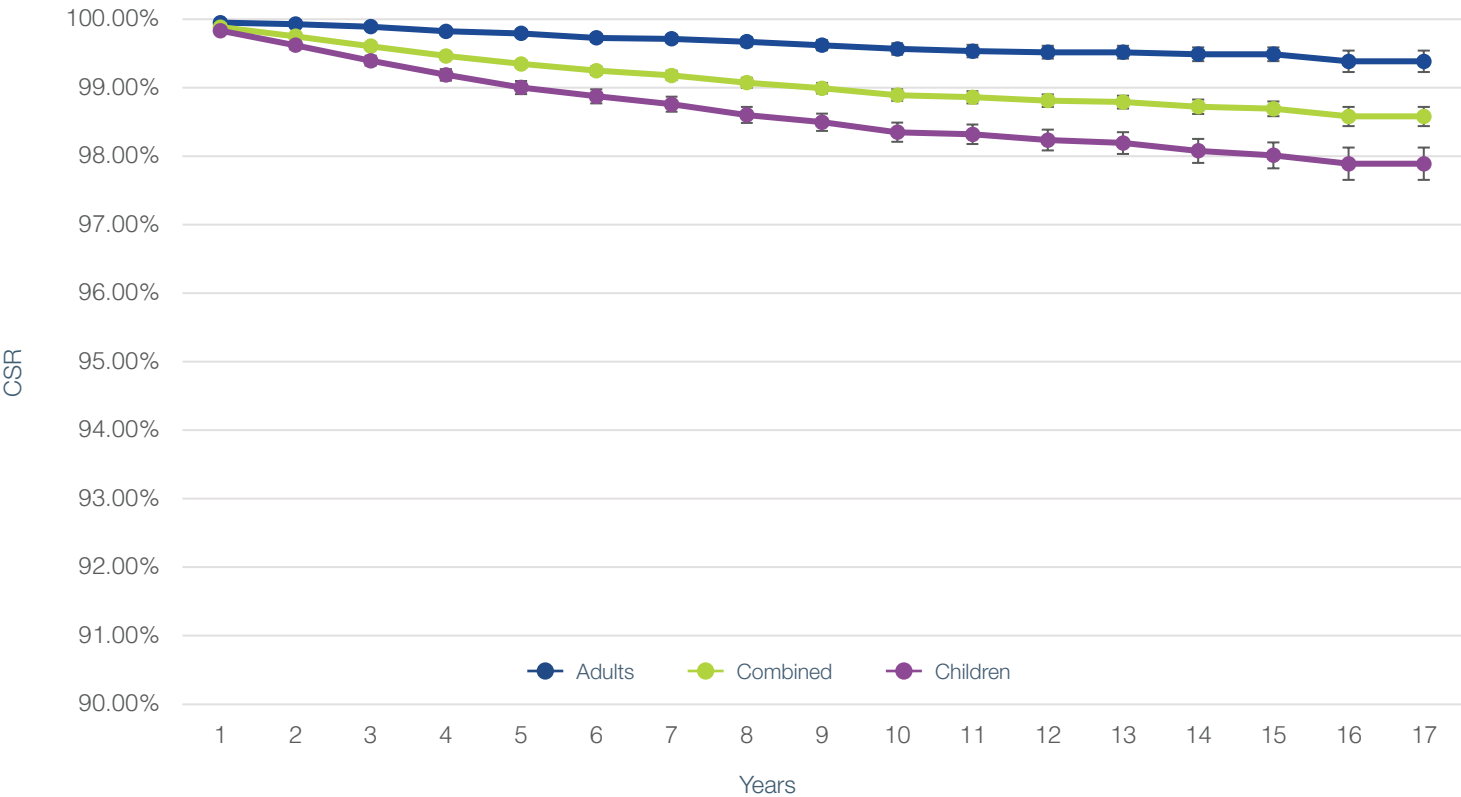
As of October 1, 2022.
Last year of distribution: 2018.^a

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	31467	46072	77539 ^b
ANSI/AAMI CI86	39928 ^c	40470	80398

- a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.
b. The combined number also includes any registered users for whom we do not have date of birth information.
c. The adult number also includes users whose personal information is not available or may not be obtainable due to certain privacy laws in certain countries.



ISO 5841-2:2014

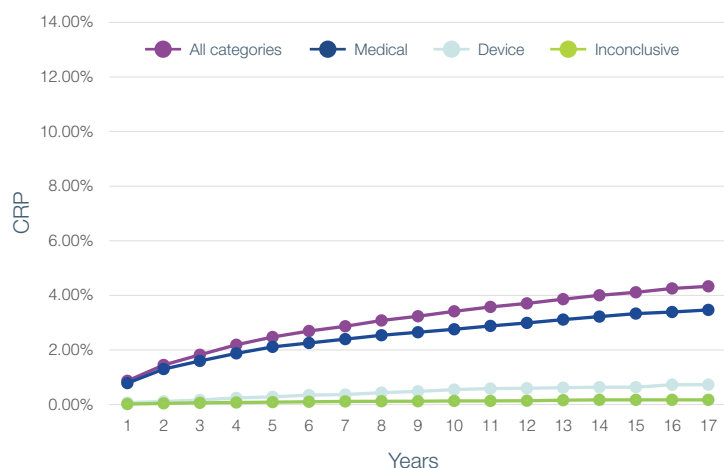


CUMULATIVE SURVIVAL PERCENTAGE

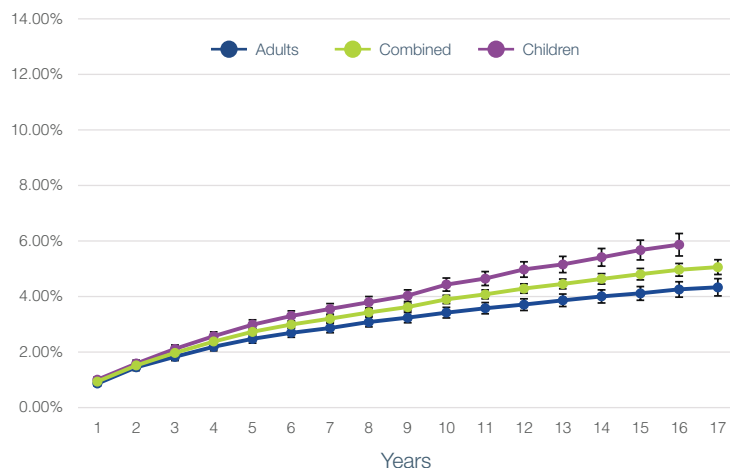
Years in use	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ADULTS	99.95%	99.93%	99.89%	99.82%	99.79%	99.73%	99.71%	99.67%	99.62%	99.57%	99.53%	99.52%	99.52%	99.49%	99.49%	99.38%	99.38%
COMBINED	99.88%	99.75%	99.60%	99.46%	99.34%	99.25%	99.18%	99.07%	98.99%	98.89%	98.86%	98.81%	98.79%	98.72%	98.69%	98.58%	98.58%
CHILDREN	99.83%	99.62%	99.39%	99.19%	99.00%	98.87%	98.76%	98.60%	98.49%	98.35%	98.32%	98.24%	98.19%	98.08%	98.01%	97.89%	97.89%

ANSI/AAMI CI86

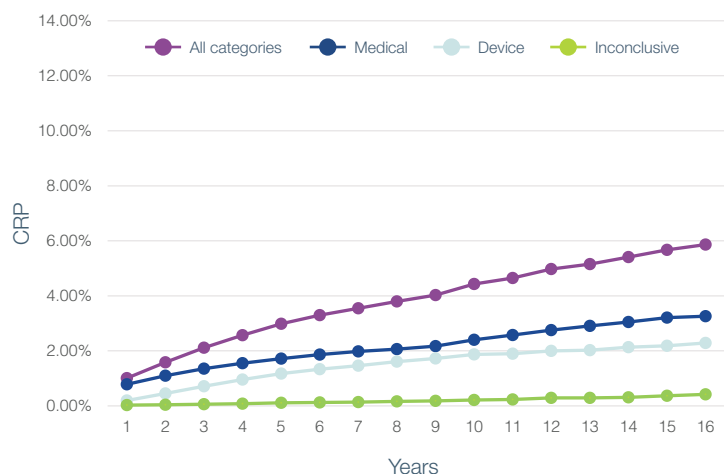
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



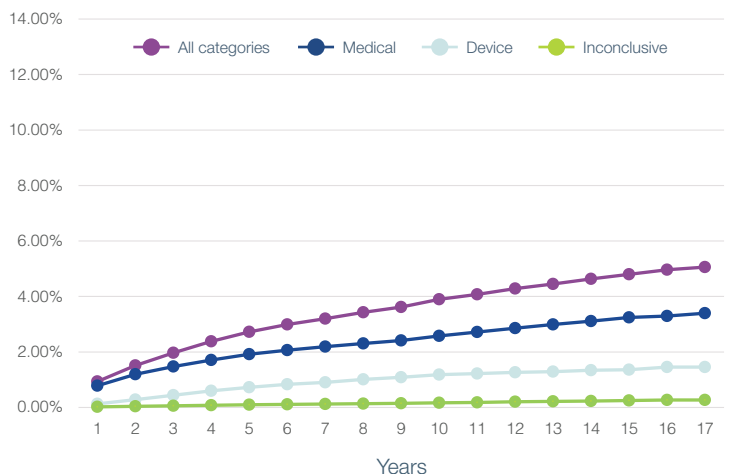
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



REMOVAL RATES ANALYSIS CATEGORIES FOR CHILDREN



REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS AND CHILDREN



COMBINED ADULTS AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
					CI Higher	CI Lower
1	0.78%	0.13%	0.02%	0.94%	1.00%	0.87%
2	1.20%	0.28%	0.04%	1.52%	1.60%	1.43%
3	1.48%	0.44%	0.06%	1.97%	2.07%	1.87%
4	1.71%	0.60%	0.08%	2.38%	2.49%	2.27%
5	1.92%	0.72%	0.10%	2.73%	2.84%	2.61%
6	2.06%	0.83%	0.11%	2.99%	3.11%	2.87%
7	2.19%	0.90%	0.13%	3.20%	3.32%	3.07%
8	2.31%	1.01%	0.14%	3.43%	3.56%	3.29%
9	2.41%	1.09%	0.15%	3.62%	3.76%	3.48%
10	2.58%	1.18%	0.17%	3.90%	4.05%	3.75%
11	2.72%	1.22%	0.18%	4.08%	4.24%	3.92%
12	2.86%	1.27%	0.21%	4.29%	4.45%	4.12%
13	2.99%	1.29%	0.22%	4.45%	4.63%	4.27%
14	3.11%	1.34%	0.23%	4.64%	4.83%	4.45%
15	3.24%	1.36%	0.25%	4.80%	5.01%	4.60%
16	3.30%	1.46%	0.27%	4.96%	5.19%	4.73%
17	3.39%	1.46%	0.27%	5.06%	5.32%	4.79%

Not all data may be shown alongside the graphs due to space limitations. Please see the **Appendix** at the end of the report for a complete data set.

HIRES 90K vendor A all

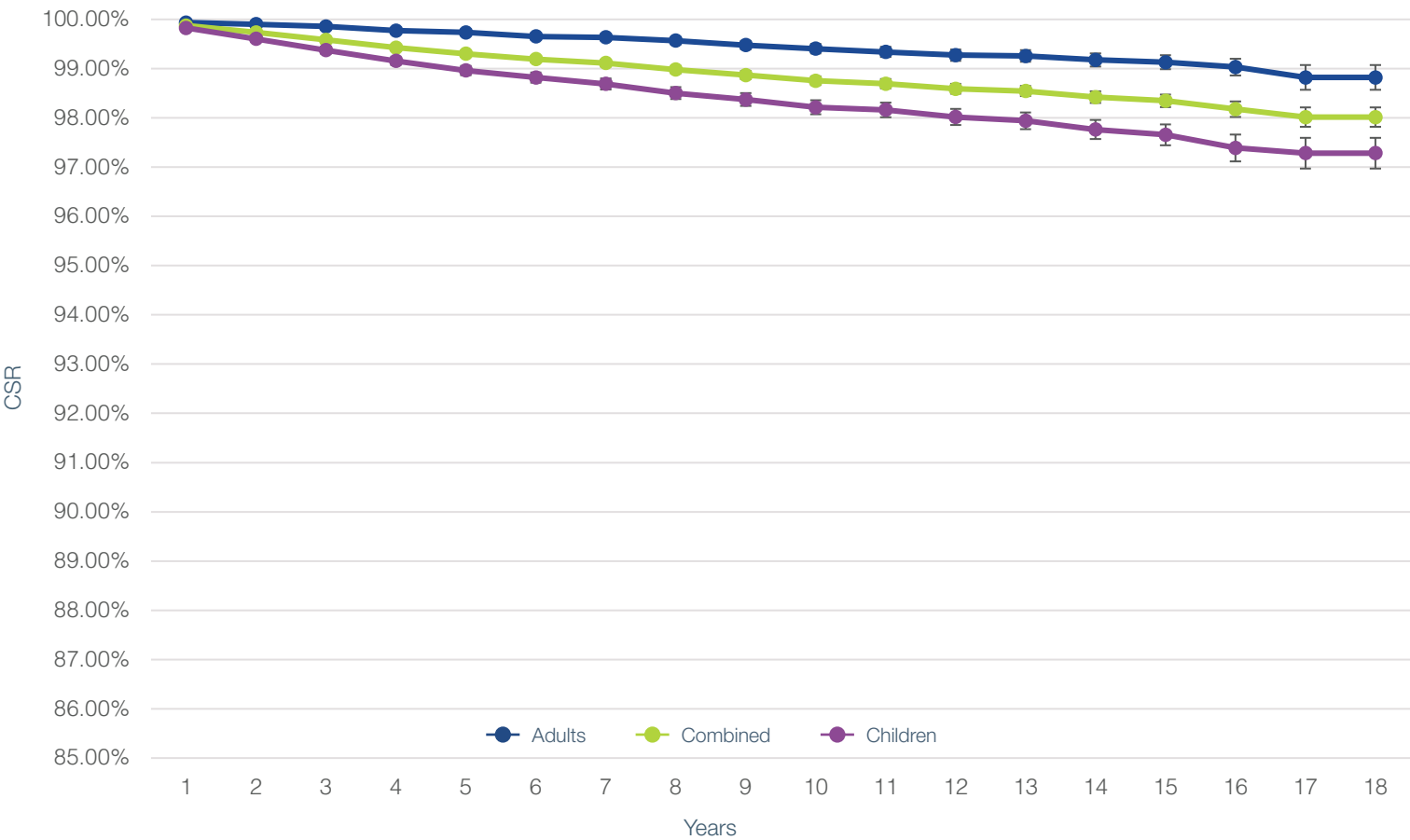
Number of registered HiRes 90K implants (vendor A all)

As of October 1, 2022.
Last year of distribution: 2018.^a

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	32901	47165	82946 ^b
ANSI/AAMI CI86	41589 ^c	41357	82946

- a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.
b. The combined number also includes any registered users for whom we do not have date of birth information.
c. The adult number also includes users whose personal information is not available or may not be obtainable due to certain privacy laws in certain countries.

ISO 5841-2:2014

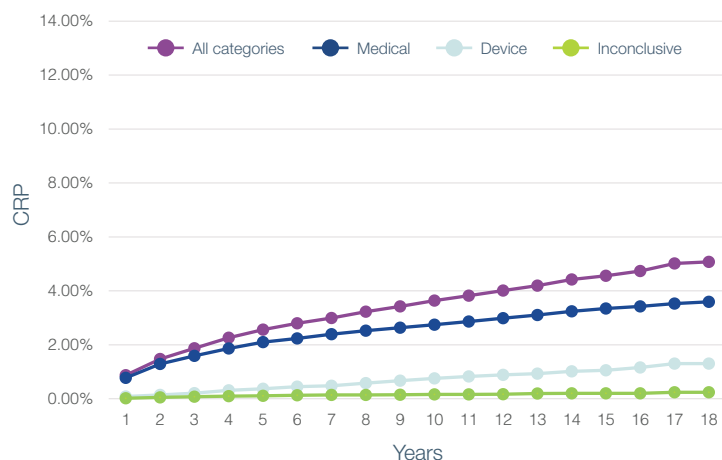


CUMULATIVE SURVIVAL PERCENTAGE

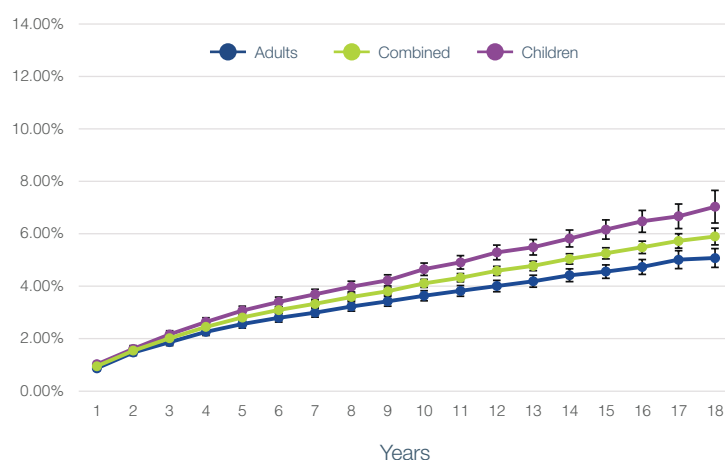
Years in use	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
ADULTS	99.93%	99.90%	99.85%	99.77%	99.73%	99.65%	99.63%	99.56%	99.48%	99.40%	99.34%	99.27%	99.25%	99.17%	99.13%	99.03%	98.82%	98.82%
COMBINED	99.87%	99.73%	99.58%	99.42%	99.30%	99.19%	99.11%	98.98%	98.87%	98.75%	98.69%	98.59%	98.54%	98.42%	98.35%	98.18%	98.01%	98.01%
CHILDREN	99.82%	99.60%	99.37%	99.15%	98.96%	98.82%	98.69%	98.50%	98.37%	98.21%	98.16%	98.02%	97.94%	97.76%	97.65%	97.39%	97.28%	97.28%

ANSI/AAMI CI86

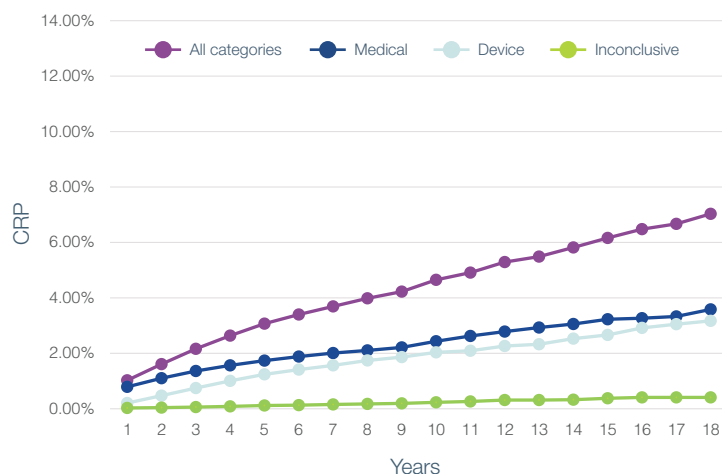
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



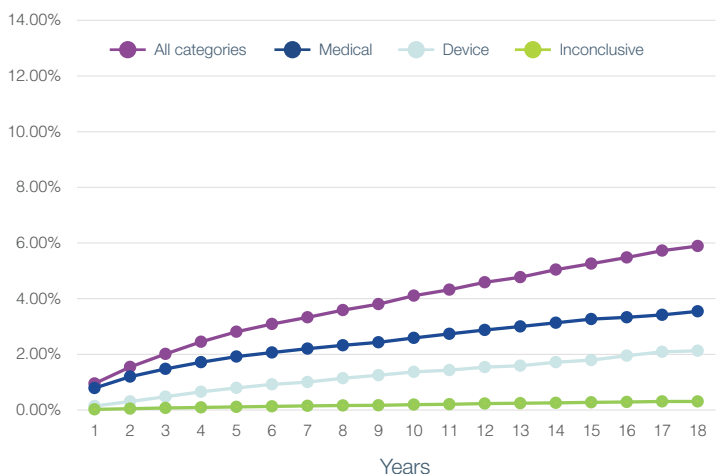
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



REMOVAL RATES ANALYSIS CATEGORIES FOR CHILDREN



REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS AND CHILDREN



COMBINED ADULTS AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total CI Higher	Total CI Lower
1	0.78%	0.15%	0.02%	0.95%	1.02%	0.88%
2	1.20%	0.31%	0.05%	1.54%	1.63%	1.46%
3	1.48%	0.47%	0.07%	2.02%	2.11%	1.92%
4	1.72%	0.65%	0.09%	2.45%	2.55%	2.34%
5	1.92%	0.79%	0.11%	2.81%	2.92%	2.69%
6	2.06%	0.92%	0.13%	3.09%	3.21%	2.97%
7	2.20%	1.00%	0.15%	3.33%	3.46%	3.20%
8	2.32%	1.14%	0.16%	3.59%	3.73%	3.46%
9	2.43%	1.25%	0.17%	3.81%	3.95%	3.67%
10	2.59%	1.37%	0.19%	4.11%	4.26%	3.96%
11	2.73%	1.43%	0.21%	4.32%	4.48%	4.16%
12	2.87%	1.54%	0.23%	4.59%	4.76%	4.41%
13	3.00%	1.59%	0.24%	4.77%	4.95%	4.59%
14	3.13%	1.72%	0.26%	5.04%	5.24%	4.85%
15	3.26%	1.79%	0.27%	5.26%	5.47%	5.04%
16	3.33%	1.95%	0.29%	5.48%	5.72%	5.25%
17	3.42%	2.09%	0.31%	5.73%	6.00%	5.45%
18	3.54%	2.13%	0.31%	5.89%	6.21%	5.57%

Not all data may be shown alongside the graphs due to space limitations. Please see the **Appendix** at the end of the report for a complete data set.

HIRES 90K vendor A pre-mod

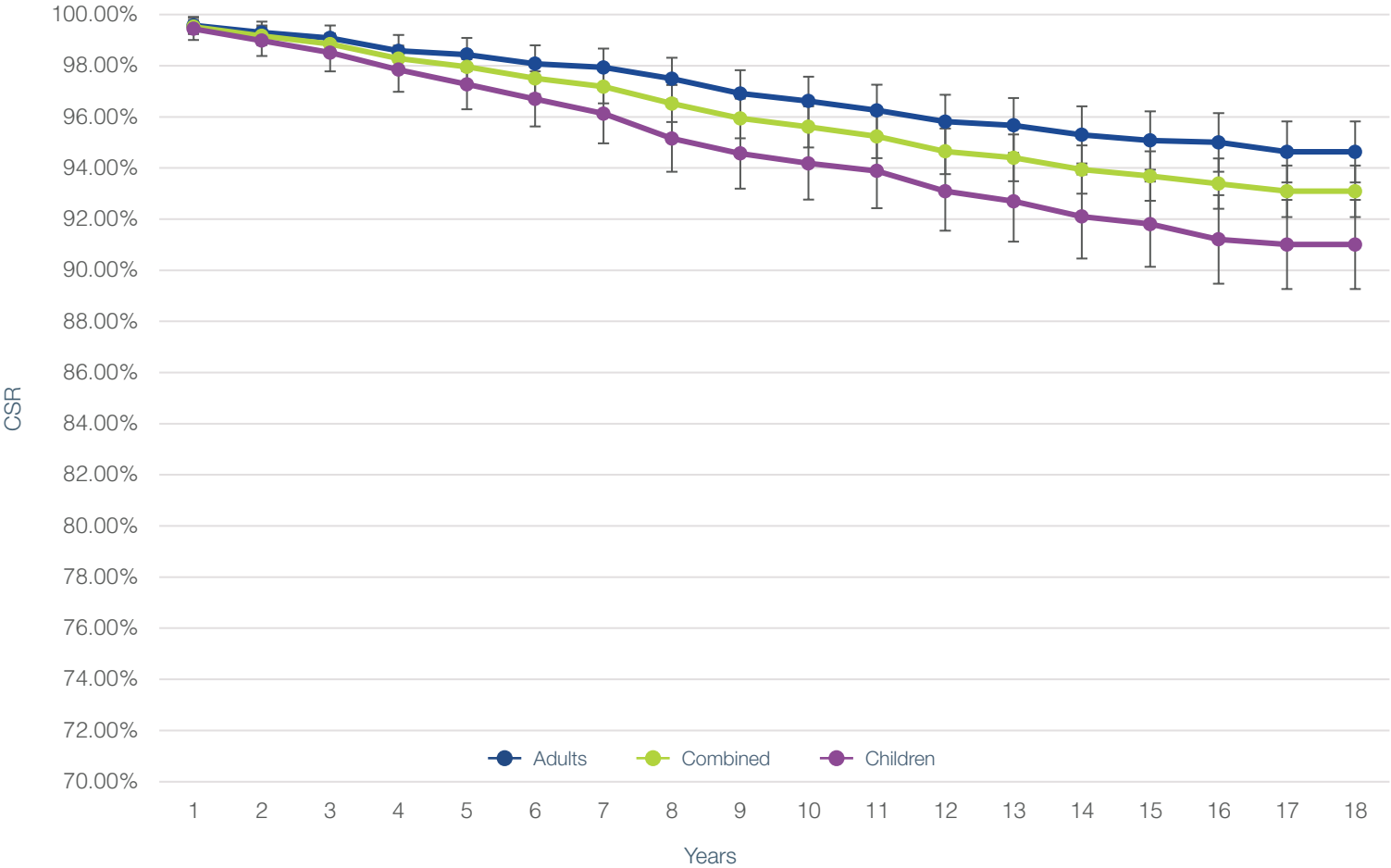
Number of registered HiRes 90K implants (vendor A pre-mod)

As of October 1, 2022.
Last year of distribution: 2005.^a

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	1434	1093	2548 ^b
ANSI/AAMI CI86	1661 ^c	887	2548

- a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.
b. The combined number also includes any registered users for whom we do not have date of birth information.
c. The adult number also includes users whose personal information is not available or may not be obtainable due to certain privacy laws in certain countries.

ISO 5841-2:2014

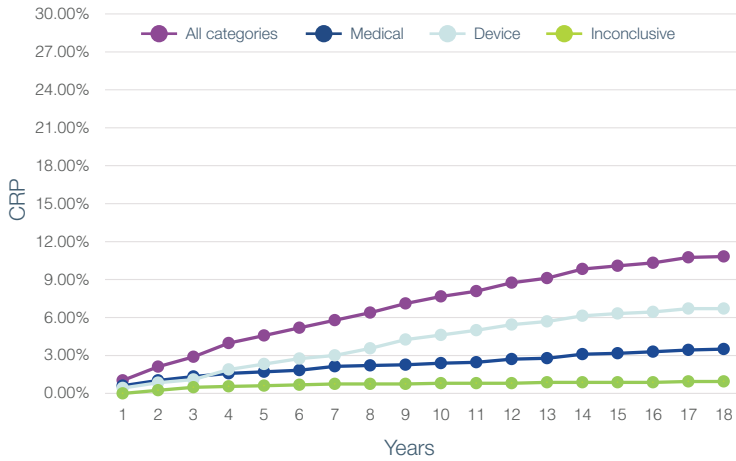


CUMULATIVE SURVIVAL PERCENTAGE

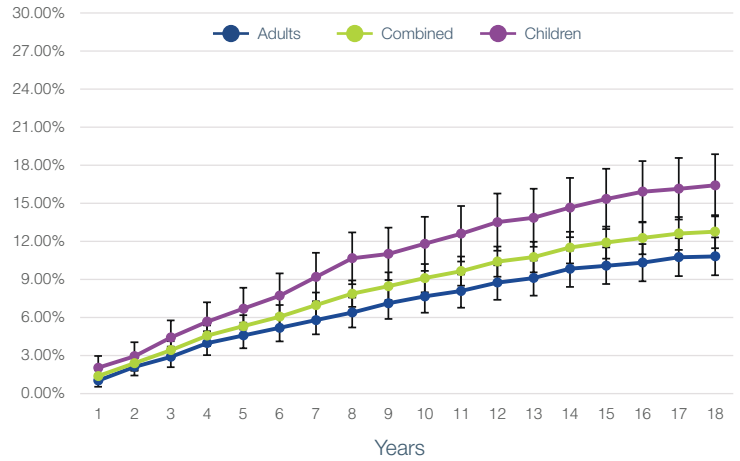
Years in use	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
ADULTS	99.58%	99.30%	99.08%	98.58%	98.44%	98.08%	97.93%	97.50%	96.91%	96.62%	96.26%	95.82%	95.67%	95.30%	95.08%	95.00%	94.63%	94.63%
COMBINED	99.53%	99.17%	98.85%	98.28%	97.96%	97.51%	97.18%	96.52%	95.94%	95.61%	95.23%	94.65%	94.40%	93.94%	93.69%	93.39%	93.09%	93.09%
CHILDREN	99.45%	98.98%	98.51%	97.85%	97.28%	96.70%	96.12%	95.15%	94.57%	94.18%	93.88%	93.09%	92.70%	92.10%	91.81%	91.21%	91.01%	91.01%

ANSI/AAMI CI86

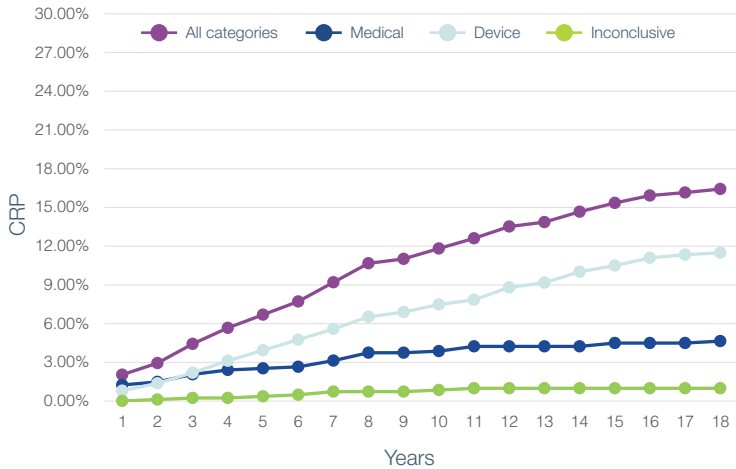
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



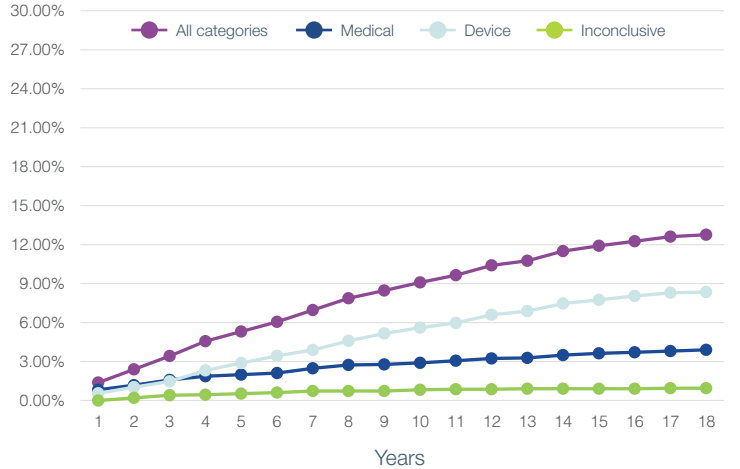
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



REMOVAL RATES ANALYSIS CATEGORIES FOR CHILDREN



REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS AND CHILDREN



COMBINED ADULTS AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total CI Higher	Total CI Lower
1	0.83%	0.55%	0.00%	1.37%	1.83%	0.92%
2	1.18%	1.03%	0.20%	2.40%	2.99%	1.80%
3	1.58%	1.47%	0.40%	3.42%	4.13%	2.71%
4	1.87%	2.31%	0.44%	4.56%	5.37%	3.75%
5	1.99%	2.88%	0.53%	5.31%	6.18%	4.44%
6	2.11%	3.45%	0.61%	6.06%	6.99%	5.13%
7	2.48%	3.89%	0.73%	6.97%	7.96%	5.98%
8	2.73%	4.59%	0.73%	7.87%	8.92%	6.83%
9	2.77%	5.16%	0.73%	8.46%	9.55%	7.38%
10	2.90%	5.61%	0.82%	9.10%	10.21%	7.98%
11	3.07%	5.98%	0.86%	9.65%	10.80%	8.50%
12	3.24%	6.60%	0.86%	10.40%	11.59%	9.21%
13	3.28%	6.88%	0.91%	10.76%	11.96%	9.55%
14	3.50%	7.46%	0.91%	11.51%	12.75%	10.27%
15	3.63%	7.75%	0.91%	11.90%	13.16%	10.64%
16	3.71%	8.04%	0.91%	12.26%	13.54%	10.98%
17	3.80%	8.29%	0.95%	12.62%	13.91%	11.33%
18	3.90%	8.34%	0.95%	12.76%	14.06%	11.46%

Not all data may be shown alongside the graphs due to space limitations. Please see the **Appendix** at the end of the report for a complete data set.

HIRES 90K vendor B

Number of registered HiRes 90K implants (vendor B)

As of October 1, 2022.

Last year of distribution: subject to voluntary recall in 2006.^a

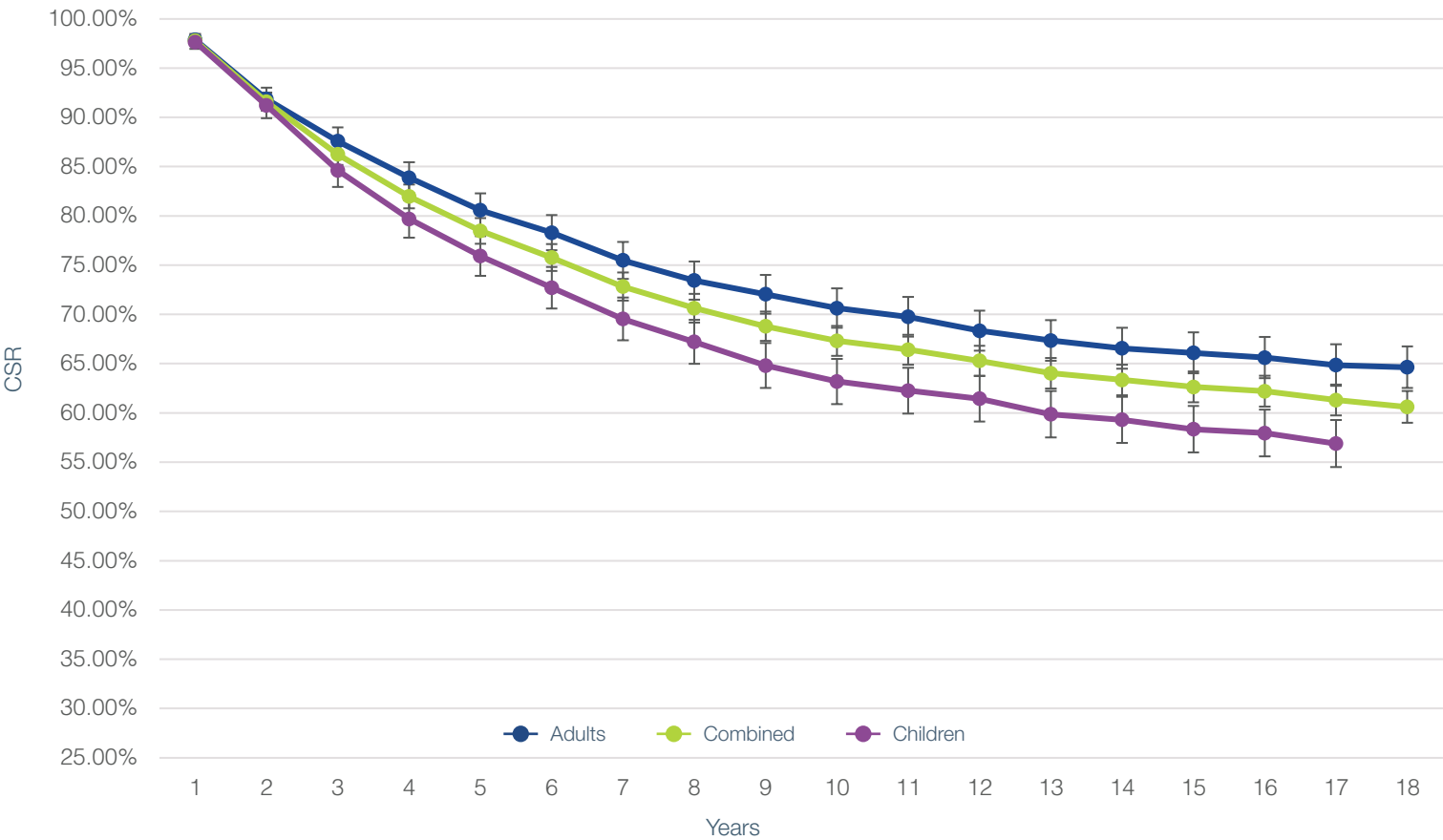
STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	2186	1844	4061 ^b
ANSI/AAMI C186	2559 ^c	1502	4061

a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.

b. The combined number also includes any registered users for whom we do not have date of birth information.

c. The adult number also includes users whose personal information is not available or may not be obtainable due to certain privacy laws in certain countries.

ISO 5841-2:2014

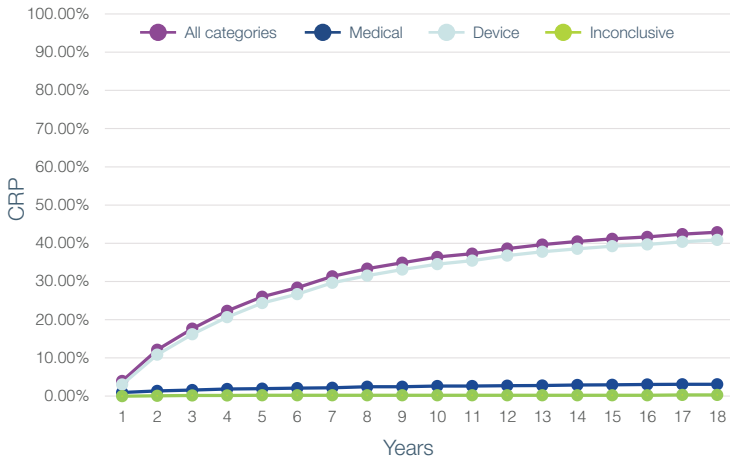


CUMULATIVE SURVIVAL PERCENTAGE

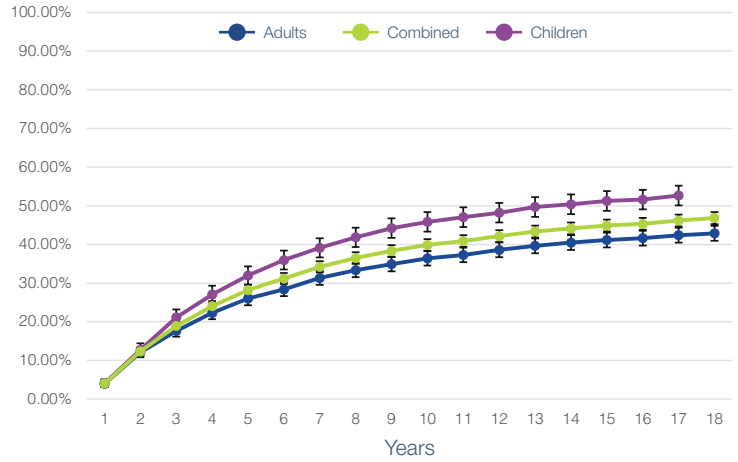
Years in use	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
ADULTS	97.87%	91.85%	87.58%	83.88%	80.57%	78.29%	75.48%	73.43%	72.04%	70.64%	69.76%	68.35%	67.35%	66.56%	66.09%	65.61%	64.85%	64.64%
COMBINED	97.79%	91.57%	86.25%	81.96%	78.48%	75.77%	72.82%	70.63%	68.79%	67.31%	66.41%	65.28%	64.03%	63.35%	62.63%	62.20%	61.31%	60.60%
CHILDREN	97.65%	91.21%	84.61%	79.68%	75.92%	72.71%	69.54%	67.21%	64.80%	63.19%	62.26%	61.44%	59.86%	59.29%	58.34%	57.96%	56.88%	NA

ANSI/AAMI CI86

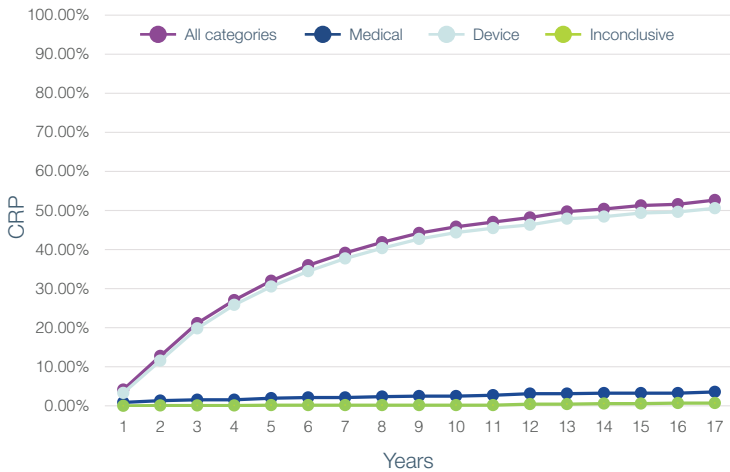
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



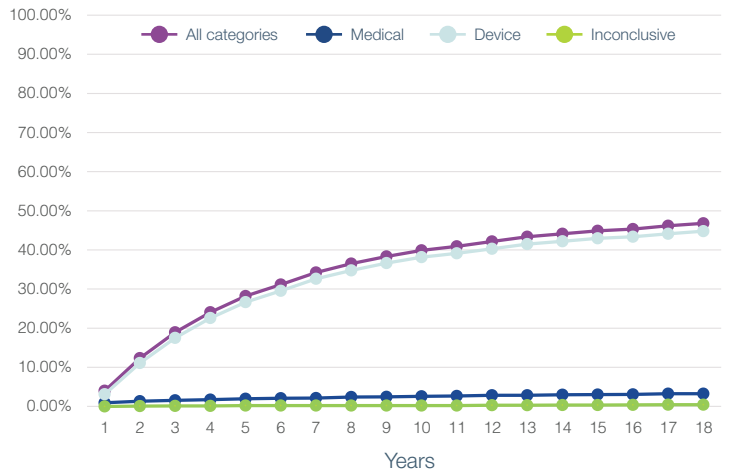
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



REMOVAL RATES ANALYSIS CATEGORIES FOR CHILDREN



REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS AND CHILDREN



COMBINED ADULTS AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total CI Higher	CI Lower
1	0.93%	3.12%	0.00%	4.02%	4.62%	3.41%
2	1.33%	11.09%	0.08%	12.34%	13.36%	11.33%
3	1.56%	17.53%	0.14%	18.93%	20.13%	17.72%
4	1.74%	22.59%	0.14%	24.04%	25.36%	22.73%
5	1.94%	26.63%	0.21%	28.20%	29.59%	26.82%
6	2.08%	29.56%	0.21%	31.17%	32.60%	29.74%
7	2.15%	32.63%	0.21%	34.22%	35.68%	32.75%
8	2.42%	34.78%	0.21%	36.49%	37.98%	35.00%
9	2.46%	36.65%	0.21%	38.34%	39.84%	36.84%
10	2.58%	38.17%	0.21%	39.89%	41.41%	38.38%
11	2.66%	39.15%	0.21%	40.90%	42.41%	39.38%
12	2.83%	40.29%	0.29%	42.15%	43.68%	40.62%
13	2.87%	41.51%	0.29%	43.36%	44.89%	41.82%
14	3.00%	42.21%	0.34%	44.14%	45.67%	42.60%
15	3.04%	42.97%	0.34%	44.89%	46.43%	43.35%
16	3.09%	43.36%	0.38%	45.32%	46.86%	43.78%
17	3.25%	44.14%	0.44%	46.20%	47.74%	44.65%
18	3.25%	44.79%	0.44%	46.82%	48.39%	45.25%

Not all data may be shown alongside the graphs due to space limitations. Please see the **Appendix** at the end of the report for a complete data set.

CII BIONIC EAR

The CII Bionic Ear cochlear implant is the base for the advanced technology found in Advanced Bionics implants today. The platform can still take advantage of the latest innovations today. It benefited from the mechanical improvement made to the earlier C1.2 implants.



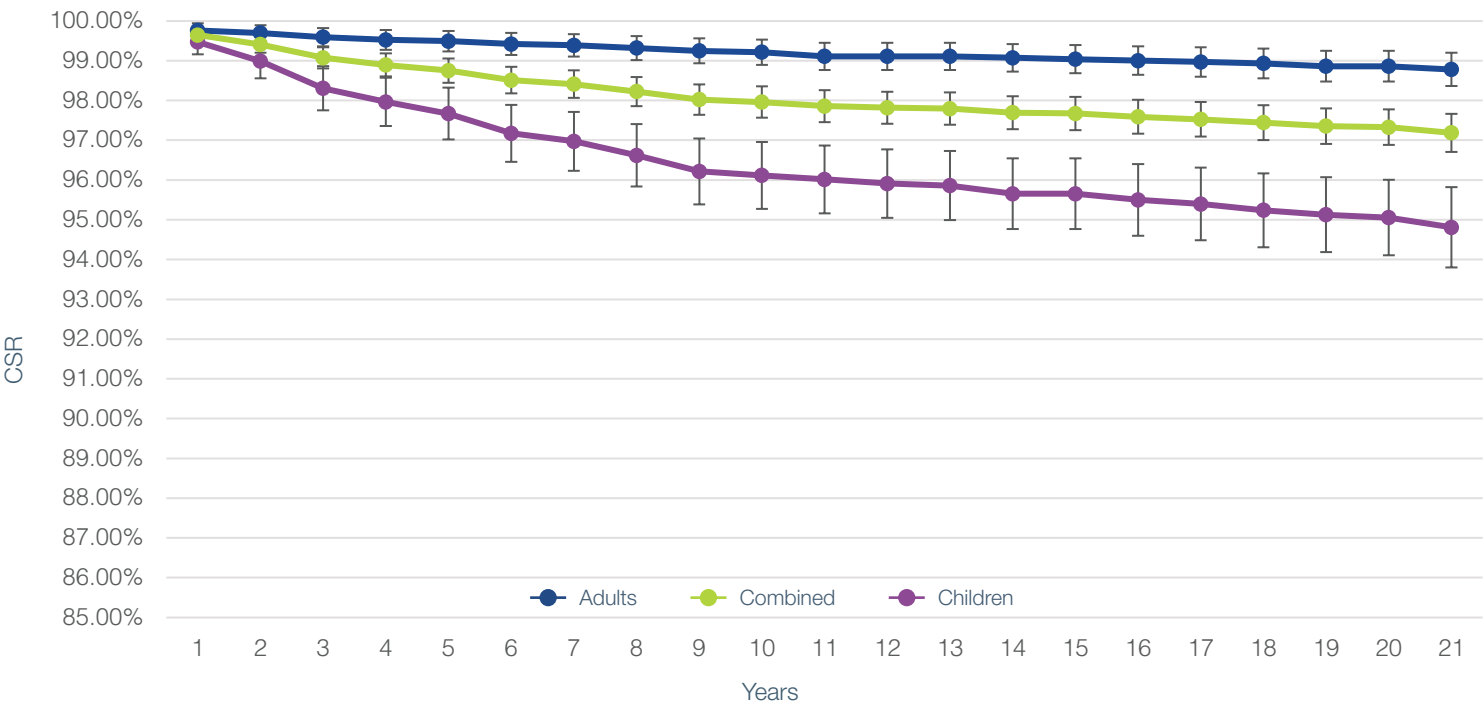
Number of registered CII implants

As of October 1, 2022.
Last year of distribution: 2004.^a

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	2971	2091	5111 ^b
ANSI/AAMI CI86	3393 ^c	1718	5111

- a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.
b. The combined number also includes any registered users for whom we do not have date of birth information.
c. The adult number also includes users whose personal information is not available or may not be obtainable due to certain privacy laws in certain countries.

ISO 5841-2:2014

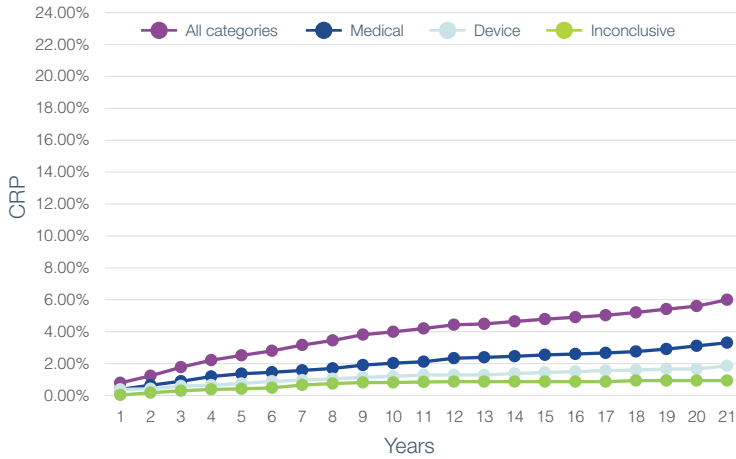


CUMULATIVE SURVIVAL PERCENTAGE

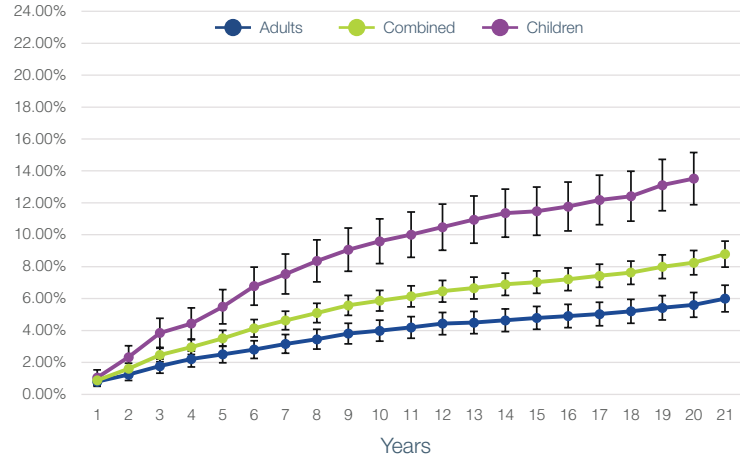
Years in use	1	2	3	4	5	6	7	8	9	10	
ADULTS	99.76%	99.70%	99.59%	99.53%	99.49%	99.42%	99.39%	99.32%	99.25%	99.21%	
COMBINED	99.65%	99.41%	99.07%	98.89%	98.75%	98.51%	98.41%	98.23%	98.02%	97.96%	
CHILDREN	99.47%	98.99%	98.31%	97.96%	97.67%	97.17%	96.97%	96.62%	96.22%	96.12%	
Years in use	11	12	13	14	15	16	17	18	19	20	21
ADULTS	99.11%	99.11%	99.11%	99.07%	99.04%	99.00%	98.97%	98.93%	98.86%	98.86%	98.78%
COMBINED	97.86%	97.82%	97.80%	97.69%	97.67%	97.59%	97.53%	97.44%	97.36%	97.33%	97.19%
CHILDREN	96.01%	95.91%	95.86%	95.66%	95.66%	95.50%	95.40%	95.24%	95.13%	95.06%	94.81%

ANSI/AAMI CI86

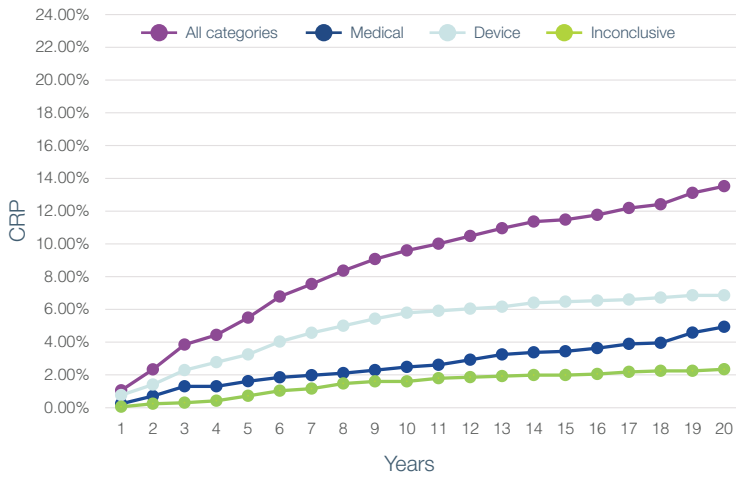
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



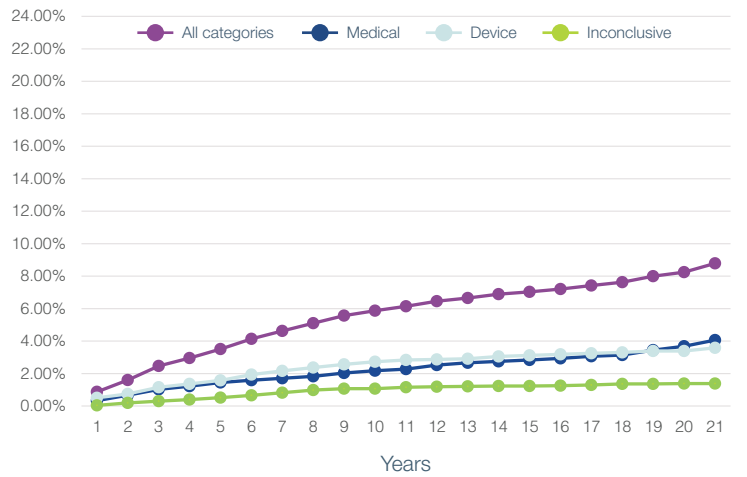
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



REMOVAL RATES ANALYSIS CATEGORIES FOR CHILDREN



REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS AND CHILDREN



COMBINED ADULTS AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total CI Higher	Total CI Lower
1	0.33%	0.51%	0.04%	0.88%	1.14%	0.62%
2	0.67%	0.75%	0.20%	1.61%	1.95%	1.26%
3	1.03%	1.16%	0.30%	2.47%	2.89%	2.04%
4	1.23%	1.36%	0.40%	2.96%	3.42%	2.49%
5	1.45%	1.58%	0.52%	3.51%	4.01%	3.00%
6	1.59%	1.94%	0.66%	4.14%	4.68%	3.59%
7	1.71%	2.16%	0.82%	4.63%	5.21%	4.05%
8	1.83%	2.37%	0.99%	5.10%	5.71%	4.50%
9	2.03%	2.57%	1.07%	5.57%	6.20%	4.94%
10	2.18%	2.73%	1.07%	5.87%	6.51%	5.22%
11	2.28%	2.83%	1.15%	6.15%	6.80%	5.49%
12	2.53%	2.88%	1.20%	6.46%	7.14%	5.79%
13	2.67%	2.92%	1.22%	6.66%	7.34%	5.97%
14	2.75%	3.06%	1.24%	6.89%	7.59%	6.20%
15	2.83%	3.12%	1.24%	7.03%	7.73%	6.33%
16	2.94%	3.18%	1.26%	7.21%	7.92%	6.50%
17	3.06%	3.24%	1.30%	7.43%	8.15%	6.71%
18	3.14%	3.31%	1.36%	7.62%	8.35%	6.90%
19	3.45%	3.39%	1.36%	8.00%	8.74%	7.25%
20	3.69%	3.39%	1.39%	8.25%	9.01%	7.49%
21	4.06%	3.58%	1.39%	8.79%	9.60%	7.97%

Not all data may be shown alongside the graphs due to space limitations. Please see the **Appendix** at the end of the report for a complete data set.

CLARION 1.2

The Clarion 1.2 (C1.2) implant offers mechanical improvements over its predecessor the C1.0 implant, which first introduced independent current-sources, a key technology differentiator for Advanced Bionics implants.



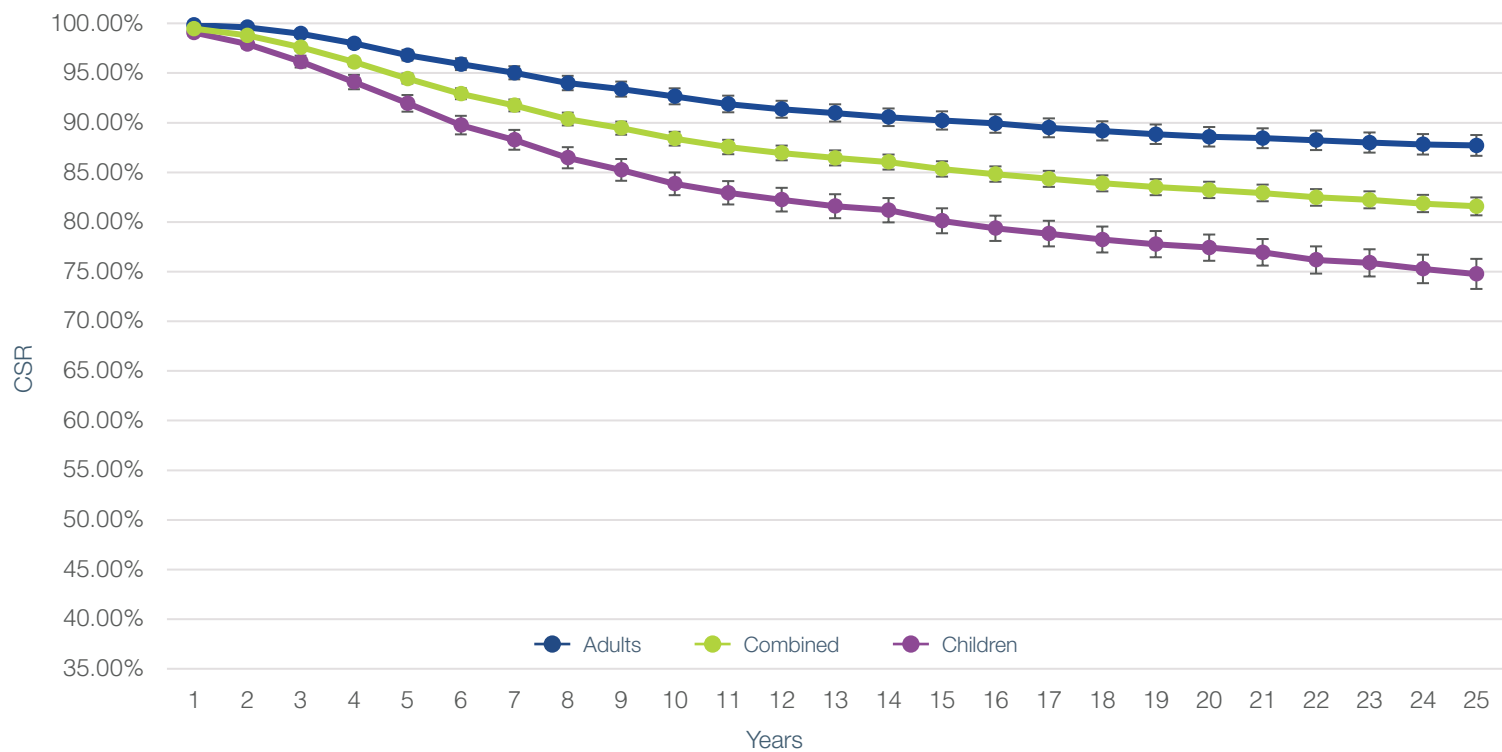
Number of registered C1.2 implants

As of October 1, 2022.
Last year of distribution: 2004.^a

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	3746	4153	8465 ^b
ANSI/AAMI C186	4938 ^c	3527	8465

- a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.
b. The combined number also includes any registered users for whom we do not have date of birth information.
c. The adult number also includes users whose personal information is not available or may not be obtainable due to certain privacy laws in certain countries.

ISO 5841-2:2014



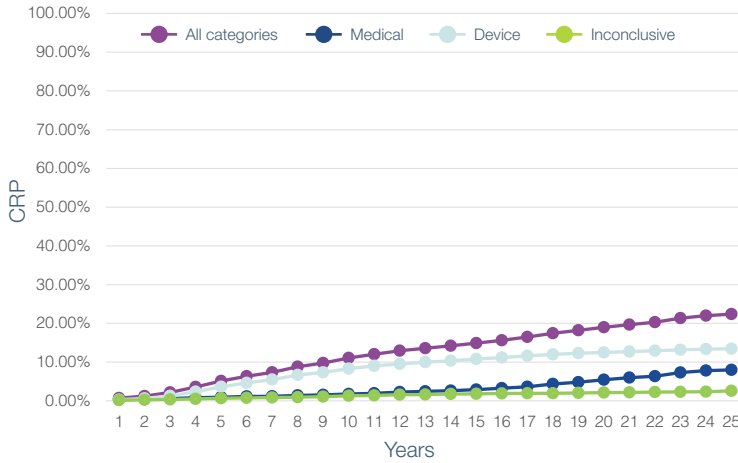
CUMULATIVE SURVIVAL PERCENTAGE

Years in use	1	2	3	4	5	6	7	8	9	10	11	12	13
ADULTS	99.83%	99.62%	98.97%	97.98%	96.80%	95.89%	95.02%	93.99%	93.37%	92.65%	91.88%	91.36%	90.98%
COMBINED	99.47%	98.79%	97.60%	96.11%	94.44%	92.92%	91.75%	90.36%	89.46%	88.40%	87.56%	86.95%	86.45%
CHILDREN	99.08%	97.93%	96.15%	94.11%	91.95%	89.75%	88.27%	86.47%	85.24%	83.85%	82.94%	82.24%	81.60%

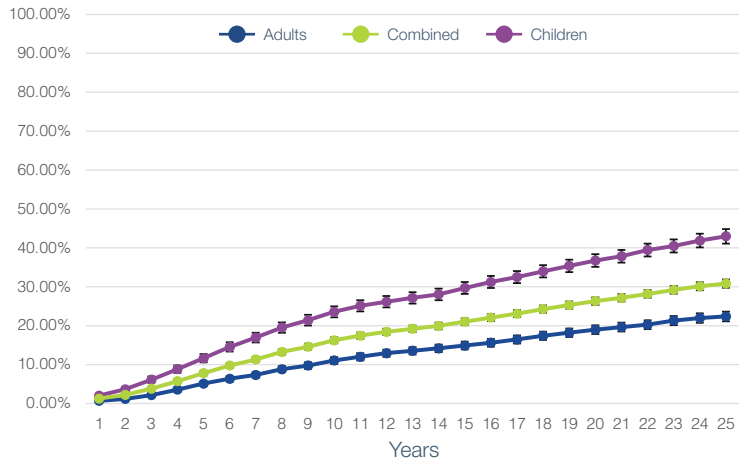
Years in use	14	15	16	17	18	19	20	21	22	23	24	25
ADULTS	90.55%	90.22%	89.92%	89.49%	89.18%	88.84%	88.57%	88.44%	88.23%	87.99%	87.81%	87.71%
COMBINED	86.04%	85.34%	84.82%	84.35%	83.91%	83.51%	83.22%	82.92%	82.48%	82.22%	81.86%	81.58%
CHILDREN	81.19%	80.12%	79.37%	78.83%	78.23%	77.76%	77.43%	76.93%	76.18%	75.89%	75.29%	74.77%

ANSI/AAMI CI86

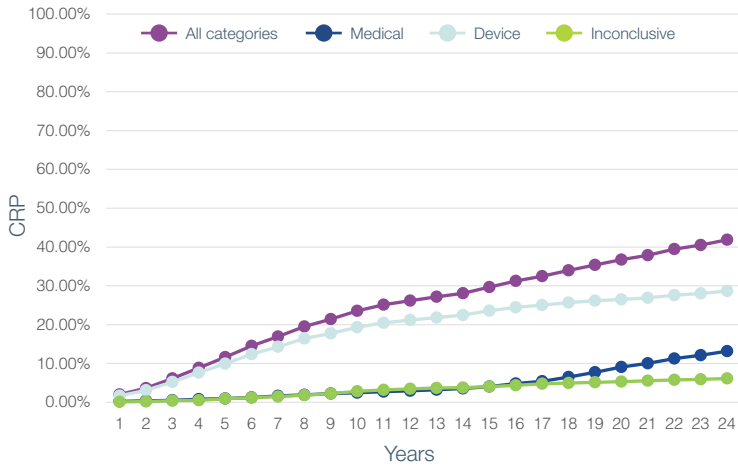
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



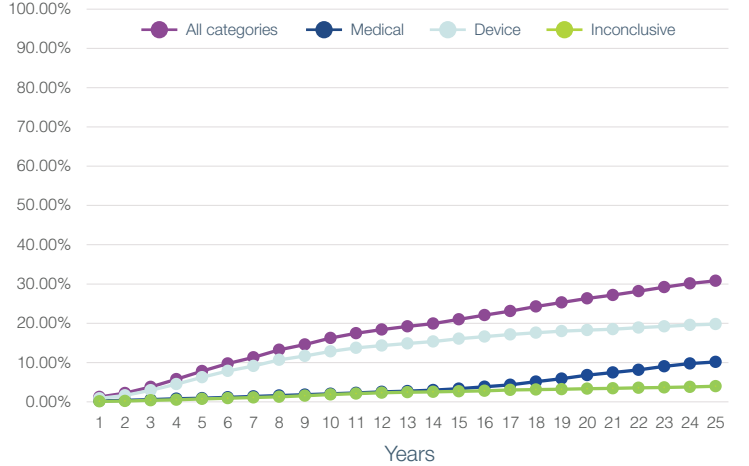
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



REMOVAL RATES ANALYSIS CATEGORIES FOR CHILDREN



REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS AND CHILDREN



COMBINED ADULTS AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total CI Higher	Total CI Lower
1	0.26%	0.87%	0.13%	1.25%	1.49%	1.02%
2	0.38%	1.63%	0.22%	2.22%	2.53%	1.90%
3	0.55%	2.92%	0.36%	3.81%	4.22%	3.40%
4	0.78%	4.53%	0.51%	5.75%	6.25%	5.26%
5	0.94%	6.24%	0.75%	7.82%	8.40%	7.25%
6	1.16%	7.85%	0.92%	9.76%	10.39%	9.12%
7	1.35%	9.14%	1.08%	11.34%	12.02%	10.66%
8	1.58%	10.71%	1.30%	13.25%	13.98%	12.53%
9	1.80%	11.66%	1.55%	14.59%	15.34%	13.83%
10	2.05%	12.86%	1.88%	16.24%	17.04%	15.45%
11	2.24%	13.75%	2.08%	17.44%	18.25%	16.62%
12	2.52%	14.33%	2.31%	18.41%	19.24%	17.58%
13	2.73%	14.86%	2.42%	19.20%	20.04%	18.35%
14	2.97%	15.34%	2.53%	19.93%	20.79%	19.07%
15	3.33%	16.06%	2.66%	21.02%	21.89%	20.14%
16	3.84%	16.62%	2.82%	22.08%	22.97%	21.19%
17	4.31%	17.14%	3.02%	23.10%	24.01%	22.20%
18	5.15%	17.60%	3.10%	24.27%	25.19%	23.35%
19	5.89%	17.98%	3.23%	25.31%	26.24%	24.37%
20	6.77%	18.24%	3.34%	26.33%	27.27%	25.38%
21	7.45%	18.51%	3.44%	27.17%	28.13%	26.21%
22	8.12%	18.91%	3.58%	28.16%	29.14%	27.19%
23	9.03%	19.23%	3.65%	29.21%	30.20%	28.21%
24	9.73%	19.58%	3.77%	30.14%	31.18%	29.11%
25	10.16%	19.80%	3.97%	30.81%	31.89%	29.73%

Not all data may be shown alongside the graphs due to space limitations. Please see the **Appendix** at the end of the report for a complete data set.

CLARION 1.0

The Clarion 1.0 (C1.0) implant was Advanced Bionics first device, the start of a technology-forward lineage that continues today. As the number of children implanted with the C1.0 is below the level required for statistical analysis, the data is included in the combined data.



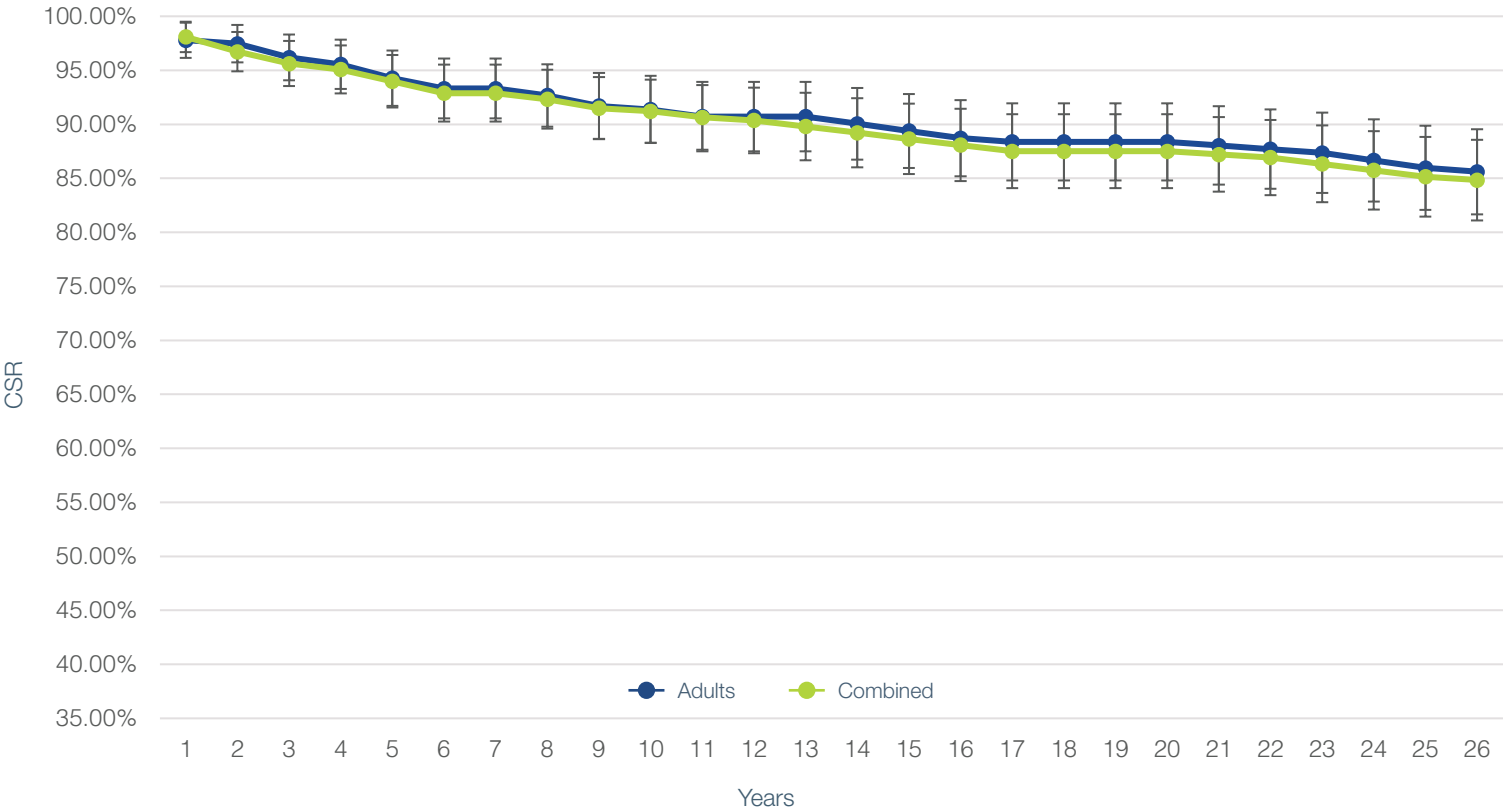
Number of registered C1.0 implants

As of October 1, 2022.
Last year of distribution: 1997.^a

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	316	49	367 ^b
ANSI/AAMI C186	—	—	—

a. Dates provided are those for major markets covered by FDA and TUV regulation. Some implants may be pending approval in a subset of additional regions.
b. The combined number also includes any registered users for whom we do not have date of birth information.

ISO 5841-2:2014



CUMULATIVE SURVIVAL PERCENTAGE

Years in use	1	2	3	4	5	6	7	8	9	10	11	12	13
ADULTS	97.78%	97.47%	96.19%	95.56%	94.28%	93.32%	93.32%	92.67%	91.70%	91.38%	90.73%	90.73%	90.73%
COMBINED	98.09%	96.73%	95.63%	95.08%	93.98%	92.88%	92.88%	92.33%	91.49%	91.22%	90.65%	90.37%	89.80%

Years in use	14	15	16	17	18	19	20	21	22	23	24	25	26
ADULTS	90.06%	89.39%	88.72%	88.39%	88.39%	88.39%	88.39%	88.05%	87.70%	87.36%	86.66%	85.96%	85.61%
COMBINED	89.23%	88.65%	88.08%	87.51%	87.51%	87.51%	87.51%	87.21%	86.92%	86.33%	85.74%	85.15%	84.84%

ANSI/AAMI CI86

The ANSI/AAMI CI86 Standard does not require reporting for devices older than 20 years after the last implantation of that device type. Please refer to the ISO data for information.

SOUND PROCESSOR STIMULATORS

For each currently-available sound processor, there will be a simple measure of reliability based on the average global yearly return rate and graphical data in compliance with ANSI/AAMI CI86 Standard that shows the monthly failure rate.

Where possible, this monthly data is further categorized into failure mechanisms, if known, to include mechanical, electronic, moisture damage, and other. Processors that meet all specifications are included and they are classified as no fault found. Where available, the number of registered users is shown, categorized into adult, children, and combined.

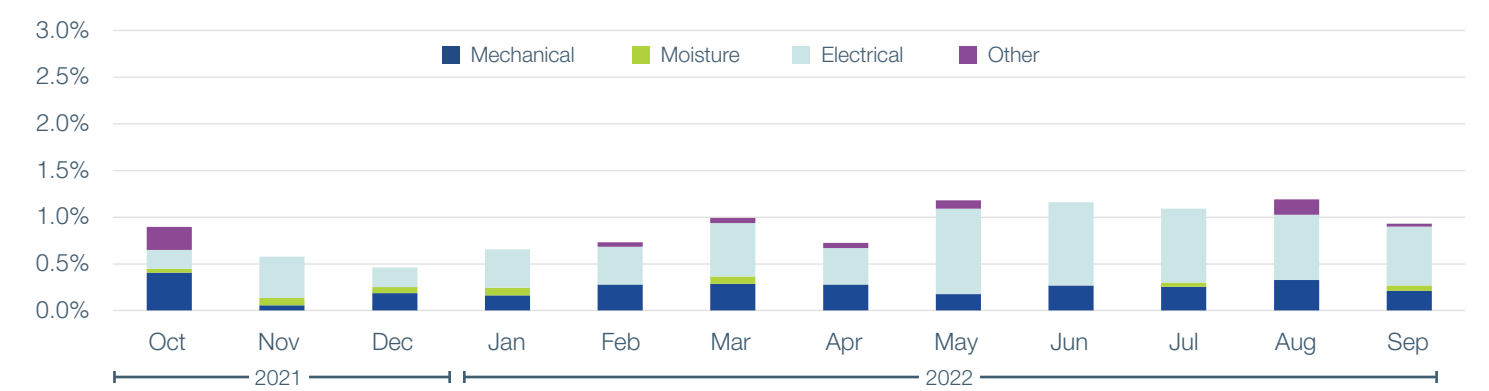


NAÍDA CI M AND SKY CI M

The Naída™ CI M sound processor for adults and Sky CI™ M sound processor for children are the newest Advanced Bionics products integrated with the latest advancements from Phonak, the Marvel platform. With built-in connectivity solutions and the ability to automatically sense and adapt to every situation, the Naída CI M and Sky CI M processors are designed to give you the best hearing experience.

Reliability of the Naída CI M and Sky CI M sound processors are combined at this time due to the limited number of devices in use. As field data becomes available globally, we will present the reliability metrics as separate products in future reports.

RELIABILITY: 99.15%^a



FAILED COMPONENT RETURN RATE^b

Cause	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022
MECHANICAL	0.41%	0.06%	0.19%	0.16%	0.28%	0.29%	0.28%	0.17%	0.27%	0.26%	0.33%	0.21%
MOISTURE	0.04%	0.08%	0.06%	0.08%	0.00%	0.08%	0.00%	0.00%	0.00%	0.04%	0.00%	0.06%
ELECTRICAL	0.20%	0.44%	0.21%	0.41%	0.40%	0.57%	0.39%	0.92%	0.89%	0.79%	0.70%	0.63%
OTHER	0.24%	0.00%	0.00%	0.00%	0.05%	0.05%	0.06%	0.09%	0.00%	0.00%	0.16%	0.03%

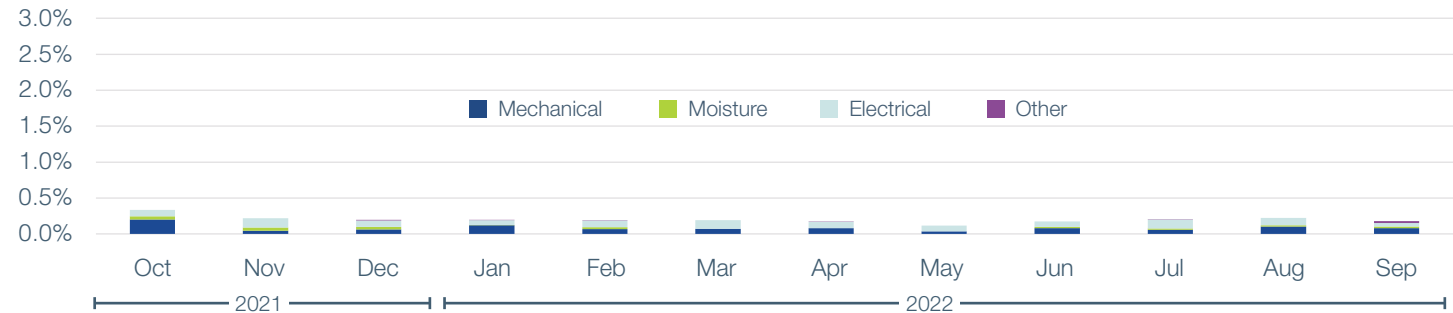
a. Reliability is 1 minus the return rate. The return rate is the average global monthly return rate October 2021 to September 2022.
b. The number per month represent the unit that complete failure analysis in that month.



NAÍDA CI Q SERIES

The Naída™ CI Q sound processors feature state-of-the-art technologies exclusively available from Advanced Bionics and Phonak for the best possible hearing experience.

RELIABILITY: 99.79%^a



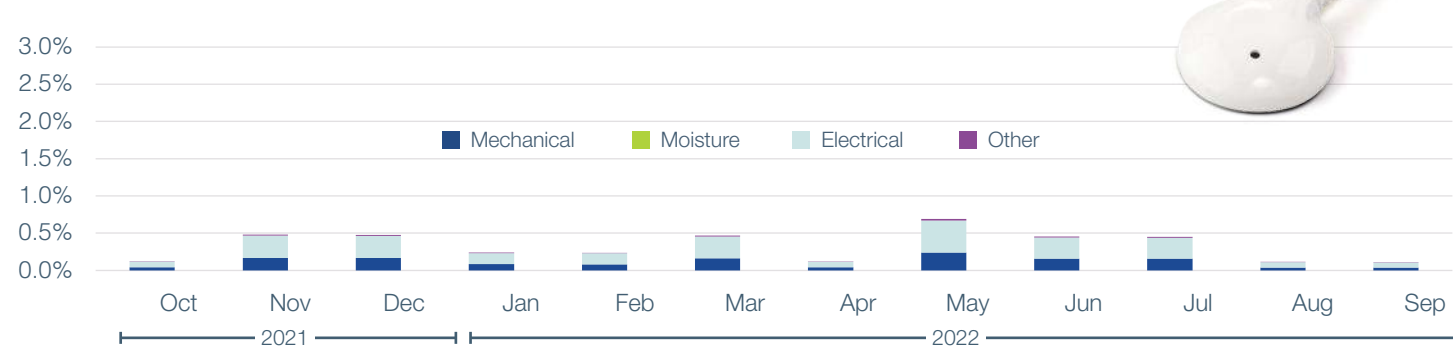
FAILED COMPONENT RETURN RATE^b

Cause	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022
MECHANICAL	0.20%	0.05%	0.07%	0.12%	0.07%	0.07%	0.08%	0.04%	0.08%	0.06%	0.11%	0.08%
MOISTURE	0.05%	0.05%	0.04%	0.00%	0.03%	0.00%	0.00%	0.00%	0.01%	0.02%	0.01%	0.02%
ELECTRICAL	0.09%	0.13%	0.09%	0.07%	0.10%	0.12%	0.09%	0.08%	0.08%	0.12%	0.11%	0.05%
OTHER	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.02%

CHORUS

The Chorus™ sound processor is compatible with C1.0 and C1.2 cochlear implants, and offers integrated Roger™ technology for connectivity and performance.

RELIABILITY: 99.74%^a



FAILED COMPONENT RETURN RATE^b

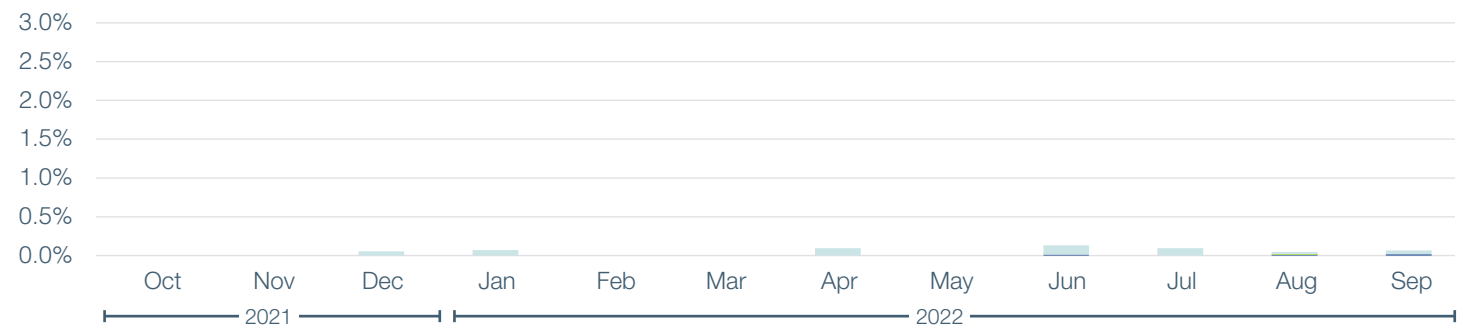
Cause	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022
MECHANICAL	0.04%	0.17%	0.17%	0.08%	0.08%	0.16%	0.04%	0.24%	0.16%	0.16%	0.04%	0.04%
MOISTURE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ELECTRICAL	0.08%	0.30%	0.30%	0.15%	0.15%	0.29%	0.07%	0.43%	0.28%	0.28%	0.07%	0.07%
OTHER	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.02%	0.01%	0.01%	0.00%	0.00%

NEPTUNE

The Neptune™ sound processor is the first and only swimmable sound processor.



RELIABILITY: 99.93%^a



FAILED COMPONENT RETURN RATE^b

Cause	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022
MECHANICAL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%
MOISTURE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ELECTRICAL	0.00%	0.00%	0.05%	0.07%	0.00%	0.00%	0.09%	0.00%	0.12%	0.09%	0.03%	0.05%
OTHER	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

a. Reliability is 1 minus the return rate. The return rate is the average global monthly return rate October 2021 to September 2022.

b. The number per month represent the unit that complete failure analysis in that month.

APPENDIX – ANSI/AAMI C186

HIRES ULTRA 3D V2

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
						CI Higher	CI Lower
ADULTS	1	0.73%	0.00%	0.00%	0.73%	0.90%	0.56%
	1.5	0.79%	0.02%	0.00%	0.81%	0.99%	0.62%
	2	1.06%	0.02%	0.00%	1.07%	1.34%	0.81%
	2.5	1.21%	0.02%	0.00%	1.22%	1.62%	0.83%
CHILDREN	1	0.68%	0.09%	0.00%	0.77%	1.10%	0.43%
	1.5	0.75%	0.09%	0.00%	0.84%	1.20%	0.47%
	2	0.75%	0.09%	0.00%	0.84%	1.20%	0.47%
	2.5 ^a	N/A	N/A	N/A	N/A	N/A	N/A

HIRES ULTRA V2

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
						CI Higher	CI Lower
ADULTS	1	0.31%	0.00%	0.00%	0.31%	0.58%	0.04%
	1.5	0.31%	0.00%	0.00%	0.31%	0.58%	0.04%
	2 ^a	N/A	N/A	N/A	N/A	N/A	N/A
CHILDREN	1	0.22%	0.05%	0.00%	0.27%	0.52%	0.03%
	1.5	0.22%	0.05%	0.00%	0.27%	0.52%	0.03%
	2 ^a	N/A	N/A	N/A	N/A	N/A	N/A

HIRES ULTRA 3D V1

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
						CI Higher	CI Lower
ADULTS	1	0.93%	0.13%	0.02%	1.08%	1.36%	0.80%
	1.5	1.37%	0.71%	0.10%	2.17%	2.57%	1.78%
	2	1.70%	2.40%	0.18%	4.23%	4.78%	3.69%
	2.5	2.06%	4.83%	0.20%	6.97%	7.66%	6.28%
	3	2.35%	6.93%	0.20%	9.29%	10.09%	8.49%
	3.5	2.40%	9.29%	0.20%	11.64%	12.62%	10.67%
CHILDREN	1	1.05%	0.49%	0.00%	1.54%	2.18%	0.90%
	1.5	1.48%	2.20%	0.00%	3.64%	4.61%	2.67%
	2	1.93%	7.43%	0.07%	9.28%	10.79%	7.77%
	2.5	2.65%	12.62%	0.07%	15.00%	16.86%	13.14%
	3	3.53%	18.08%	0.07%	21.03%	23.22%	18.85%
	3.5 ^a	N/A	N/A	N/A	N/A	N/A	N/A

HIRES ULTRA V1

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
						CI Higher	CI Lower
ADULTS	1	0.77%	0.02%	0.02%	0.81%	1.00%	0.62%
	2	1.30%	0.42%	0.05%	1.77%	2.04%	1.49%
	3	1.75%	3.12%	0.11%	4.93%	5.39%	4.47%
	4	1.99%	8.80%	0.17%	10.77%	11.46%	10.07%
	5	2.08%	14.34%	0.17%	16.26%	17.23%	15.30%
CHILDREN	1	0.56%	0.13%	0.00%	0.69%	0.95%	0.43%
	2	0.82%	1.29%	0.05%	2.15%	2.60%	1.69%
	3	1.09%	6.39%	0.11%	7.52%	8.36%	6.68%
	4	1.72%	16.69%	0.11%	18.21%	19.62%	16.79%
	5	1.80%	25.58%	0.19%	27.06%	29.00%	25.13%

a. Sample size is not large enough for reporting

HIRES 90K ADVANTAGE

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
						CI Higher	CI Lower
ADULTS	1	0.68%	0.07%	0.02%	0.76%	0.88%	0.64%
	2	1.16%	0.09%	0.03%	1.27%	1.43%	1.11%
	3	1.43%	0.14%	0.04%	1.60%	1.77%	1.42%
	4	1.71%	0.18%	0.04%	1.93%	2.12%	1.73%
	5	1.96%	0.20%	0.04%	2.19%	2.40%	1.98%
	6	2.08%	0.24%	0.04%	2.35%	2.57%	2.13%
	7	2.22%	0.24%	0.05%	2.50%	2.73%	2.27%
	8	2.33%	0.28%	0.05%	2.65%	2.89%	2.40%
	9	2.38%	0.33%	0.05%	2.75%	3.01%	2.49%
CHILDREN	1	0.76%	0.20%	0.03%	0.99%	1.13%	0.85%
	2	1.08%	0.38%	0.04%	1.49%	1.67%	1.32%
	3	1.35%	0.57%	0.05%	1.96%	2.16%	1.76%
	4	1.57%	0.73%	0.09%	2.38%	2.60%	2.16%
	5	1.72%	0.88%	0.13%	2.71%	2.95%	2.47%
	6	1.91%	1.00%	0.13%	3.02%	3.28%	2.75%
	7	2.02%	1.17%	0.16%	3.32%	3.61%	3.03%
	8	2.14%	1.29%	0.18%	3.58%	3.91%	3.26%
	9	2.19%	1.51%	0.27%	3.92%	4.32%	3.52%

HIRES 90K vendor A post-mod

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
						CI Higher	CI Lower
ADULTS	1	0.78%	0.07%	0.02%	0.87%	0.96%	0.78%
	2	1.30%	0.11%	0.04%	1.45%	1.57%	1.33%
	3	1.60%	0.17%	0.06%	1.83%	1.96%	1.69%
	4	1.87%	0.24%	0.08%	2.19%	2.33%	2.04%
	5	2.11%	0.28%	0.09%	2.47%	2.63%	2.32%
	6	2.25%	0.34%	0.10%	2.69%	2.85%	2.53%
	7	2.40%	0.36%	0.11%	2.86%	3.03%	2.70%
	8	2.54%	0.44%	0.12%	3.08%	3.26%	2.90%
	9	2.65%	0.48%	0.12%	3.24%	3.42%	3.05%
	10	2.76%	0.54%	0.13%	3.42%	3.61%	3.23%
	11	2.88%	0.58%	0.13%	3.58%	3.78%	3.38%
	12	2.99%	0.60%	0.14%	3.71%	3.92%	3.50%
	13	3.12%	0.62%	0.16%	3.86%	4.09%	3.64%
	14	3.22%	0.64%	0.17%	4.00%	4.24%	3.77%
	15	3.33%	0.64%	0.17%	4.11%	4.36%	3.87%
	16	3.39%	0.73%	0.17%	4.26%	4.53%	3.98%
	17	3.47%	0.73%	0.17%	4.33%	4.65%	4.02%
CHILDREN	1	0.78%	0.20%	0.03%	1.00%	1.10%	0.91%
	2	1.10%	0.45%	0.04%	1.58%	1.71%	1.46%
	3	1.35%	0.72%	0.06%	2.11%	2.26%	1.97%
	4	1.55%	0.96%	0.08%	2.57%	2.73%	2.41%
	5	1.72%	1.18%	0.11%	2.99%	3.16%	2.82%
	6	1.87%	1.34%	0.12%	3.30%	3.48%	3.12%
	7	1.98%	1.46%	0.14%	3.55%	3.74%	3.36%
	8	2.06%	1.61%	0.16%	3.79%	4.00%	3.59%
	9	2.17%	1.72%	0.18%	4.03%	4.24%	3.82%
	10	2.40%	1.87%	0.22%	4.43%	4.67%	4.20%
	11	2.57%	1.90%	0.24%	4.65%	4.90%	4.40%
	12	2.75%	2.00%	0.29%	4.97%	5.25%	4.70%
	13	2.91%	2.03%	0.29%	5.15%	5.44%	4.86%
	14	3.05%	2.13%	0.31%	5.41%	5.73%	5.09%
	15	3.21%	2.19%	0.37%	5.67%	6.03%	5.32%
	16	3.26%	2.29%	0.42%	5.86%	6.27%	5.46%
	17 ^a	N/A	N/A	N/A	N/A	N/A	N/A

a. Sample size is not large enough for reporting

HIRES 90K vendor A all

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total CI Higher	CI Lower
ADULTS	1	0.78%	0.08%	0.01%	0.87%	0.96%	0.78%
	2	1.29%	0.14%	0.05%	1.47%	1.59%	1.36%
	3	1.59%	0.21%	0.08%	1.87%	2.00%	1.74%
	4	1.86%	0.31%	0.10%	2.26%	2.41%	2.12%
	5	2.10%	0.37%	0.11%	2.56%	2.71%	2.41%
	6	2.24%	0.45%	0.13%	2.80%	2.96%	2.64%
	7	2.39%	0.48%	0.14%	2.99%	3.16%	2.82%
	8	2.53%	0.58%	0.14%	3.23%	3.41%	3.05%
	9	2.63%	0.67%	0.15%	3.43%	3.61%	3.24%
	10	2.74%	0.76%	0.16%	3.64%	3.83%	3.44%
	11	2.86%	0.83%	0.16%	3.82%	4.03%	3.62%
	12	2.99%	0.89%	0.17%	4.01%	4.22%	3.79%
	13	3.10%	0.93%	0.19%	4.19%	4.42%	3.96%
	14	3.24%	1.02%	0.20%	4.42%	4.66%	4.18%
	15	3.34%	1.06%	0.20%	4.56%	4.81%	4.30%
	16	3.42%	1.16%	0.20%	4.74%	5.02%	4.45%
	17	3.53%	1.30%	0.24%	5.01%	5.35%	4.67%
	18	3.59%	1.30%	0.24%	5.08%	5.44%	4.71%
CHILDREN	1	0.79%	0.21%	0.03%	1.03%	1.12%	0.93%
	2	1.11%	0.47%	0.04%	1.61%	1.74%	1.49%
	3	1.37%	0.75%	0.06%	2.16%	2.31%	2.02%
	4	1.57%	1.01%	0.08%	2.64%	2.80%	2.48%
	5	1.74%	1.24%	0.12%	3.07%	3.24%	2.90%
	6	1.88%	1.42%	0.13%	3.40%	3.59%	3.22%
	7	2.01%	1.57%	0.16%	3.69%	3.89%	3.50%
	8	2.11%	1.74%	0.18%	3.98%	4.19%	3.78%
	9	2.21%	1.87%	0.19%	4.22%	4.44%	4.01%
	10	2.44%	2.04%	0.24%	4.65%	4.89%	4.41%
	11	2.62%	2.09%	0.26%	4.91%	5.16%	4.66%
	12	2.79%	2.27%	0.32%	5.29%	5.57%	5.01%
	13	2.93%	2.33%	0.32%	5.49%	5.78%	5.19%
	14	3.05%	2.53%	0.33%	5.82%	6.14%	5.49%
	15	3.23%	2.66%	0.38%	6.16%	6.53%	5.80%
	16	3.27%	2.92%	0.41%	6.48%	6.89%	6.06%
	17	3.33%	3.05%	0.41%	6.67%	7.14%	6.20%
	18	3.58%	3.17%	0.41%	7.03%	7.65%	6.41%

HIRES 90K vendor A pre-mod

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total CI Higher	CI Lower
ADULTS	1	0.60%	0.42%	0.00%	1.02%	1.51%	0.54%
	2	1.03%	0.85%	0.24%	2.11%	2.80%	1.42%
	3	1.33%	1.09%	0.49%	2.89%	3.70%	2.09%
	4	1.58%	1.89%	0.55%	3.98%	4.92%	3.04%
	5	1.70%	2.32%	0.62%	4.58%	5.59%	3.57%
	6	1.83%	2.76%	0.68%	5.18%	6.25%	4.12%
	7	2.14%	3.00%	0.74%	5.79%	6.91%	4.66%
	8	2.20%	3.56%	0.74%	6.39%	7.57%	5.21%
	9	2.27%	4.25%	0.74%	7.11%	8.35%	5.88%
	10	2.39%	4.62%	0.81%	7.66%	8.94%	6.38%
	11	2.46%	5.00%	0.81%	8.08%	9.39%	6.77%
	12	2.72%	5.44%	0.81%	8.75%	10.11%	7.39%
	13	2.78%	5.69%	0.87%	9.11%	10.49%	7.72%
	14	3.11%	6.13%	0.87%	9.84%	11.27%	8.40%
	15	3.17%	6.32%	0.87%	10.08%	11.53%	8.63%
	16	3.30%	6.44%	0.87%	10.32%	11.79%	8.86%
	17	3.43%	6.70%	0.94%	10.75%	12.24%	9.26%
	18	3.51%	6.70%	0.94%	10.82%	12.31%	9.32%

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total CI Higher	CI Lower
CHILDREN	1	1.25%	0.80%	0.00%	2.03%	2.96%	1.10%
	2	1.48%	1.37%	0.12%	2.94%	4.05%	1.83%
	3	2.06%	2.18%	0.23%	4.41%	5.77%	3.06%
	4	2.41%	3.11%	0.23%	5.66%	7.19%	4.14%
	5	2.52%	3.93%	0.35%	6.69%	8.34%	5.04%
	6	2.64%	4.75%	0.48%	7.71%	9.47%	5.95%
	7	3.13%	5.57%	0.72%	9.19%	11.10%	7.28%
	8	3.74%	6.52%	0.72%	10.67%	12.70%	8.63%
	9	3.74%	6.88%	0.72%	11.01%	13.07%	8.94%
	10	3.86%	7.48%	0.85%	11.80%	13.93%	9.67%
	11	4.23%	7.84%	0.98%	12.60%	14.79%	10.41%
	12	4.23%	8.80%	0.98%	13.51%	15.77%	11.26%
	13	4.23%	9.16%	0.98%	13.86%	16.14%	11.57%
	14	4.23%	10.00%	0.98%	14.66%	16.99%	12.32%
	15	4.49%	10.49%	0.98%	15.34%	17.72%	12.96%
	16	4.49%	11.09%	0.98%	15.91%	18.33%	13.50%
	17	4.49%	11.33%	0.98%	16.14%	18.58%	13.71%
	18	4.64%	11.48%	0.98%	16.41%	18.87%	13.96%

HIRES 90K vendor B

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total CI Higher	CI Lower
ADULTS	1	0.95%	3.03%	0.00%	3.95%	4.71%	3.20%
	2	1.33%	10.84%	0.09%	12.10%	13.37%	10.84%
	3	1.56%	16.18%	0.18%	17.63%	19.11%	16.16%
	4	1.85%	20.67%	0.18%	22.28%	23.90%	20.67%
	5	1.95%	24.35%	0.23%	25.99%	27.70%	24.29%
	6	2.06%	26.69%	0.23%	28.37%	30.12%	26.61%
	7	2.17%	29.65%	0.23%	31.33%	33.14%	29.53%
	8	2.45%	31.52%	0.23%	33.35%	35.19%	31.52%
	9	2.45%	33.11%	0.23%	34.90%	36.75%	33.05%
	10	2.63%	34.54%	0.23%	36.41%	38.28%	34.54%
	11	2.63%	35.44%	0.23%	37.28%	39.17%	35.40%
	12	2.70%	36.75%	0.23%	38.60%	40.49%	36.70%
	13	2.76%	37.78%	0.23%	39.64%	41.54%	37.73%
	14	2.89%	38.56%	0.23%	40.47%	42.39%	38.56%
	15	2.96%	39.22%	0.23%	41.15%	43.07%	39.24%
	16	3.02%	39.68%	0.23%	41.63%	43.55%	39.71%
	17	3.10%	40.37%	0.31%	42.40%	44.33%	40.47%
	18	3.10%	40.87%	0.31%	42.89%	44.84%	40.93%
CHILDREN	1	0.88%	3.28%	0.00%	4.13%	5.14%	3.13%
	2	1.31%	11.53%	0.07%	12.76%	14.45%	11.07%
	3	1.55%	19.83%	0.07%	21.13%	23.20%	19.06%
	4	1.55%	25.85%	0.07%	27.06%	29.31%	24.80%
	5	1.93%	30.52%	0.17%	31.98%	34.35%	29.61%
	6	2.13%	34.46%	0.17%	35.97%	38.40%	33.53%
	7	2.13%	37.71%	0.17%	39.14%	41.62%	36.66%
	8	2.35%	40.34%	0.17%	41.84%	44.35%	39.34%
	9	2.47%	42.70%	0.17%	44.21%	46.74%	41.69%
	10	2.47%	44.37%	0.17%	45.84%	48.37%	43.31%
	11	2.71%	45.49%	0.17%	47.06%	49.60%	44.52%
	12	3.09%	46.33%	0.43%	48.21%	50.75%	45.67%
	13	3.09%	47.88%	0.43%	49.70%	52.25%	47.16%
	14	3.22%	48.44%	0.56%	50.38%	52.93%	47.84%
	15	3.22%	49.36%	0.56%	51.27%	53.81%	48.72%
	16	3.22%	49.64%	0.70%	51.61%	54.15%	49.06%
	17	3.55%	50.58%	0.70%	52.67%	55.23%	50.12%
	18 ^a	N/A	N/A	N/A	N/A	N/A	N/A

a. Sample size is not large enough for reporting

CII BIONIC EAR

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total CI Higher	CI Lower
ADULTS	1	0.38%	0.38%	0.03%	0.80%	1.10%	0.50%
	2	0.65%	0.41%	0.18%	1.24%	1.61%	0.87%
	3	0.89%	0.59%	0.30%	1.77%	2.21%	1.33%
	4	1.19%	0.65%	0.39%	2.21%	2.71%	1.72%
	5	1.37%	0.74%	0.42%	2.51%	3.03%	1.98%
	6	1.46%	0.89%	0.48%	2.80%	3.36%	2.25%
	7	1.58%	0.95%	0.66%	3.16%	3.75%	2.57%
	8	1.70%	1.04%	0.75%	3.46%	4.07%	2.84%
	9	1.91%	1.14%	0.81%	3.81%	4.46%	3.17%
	10	2.03%	1.20%	0.81%	3.99%	4.65%	3.33%
	11	2.12%	1.29%	0.84%	4.20%	4.87%	3.52%
	12	2.33%	1.29%	0.87%	4.43%	5.13%	3.74%
	13	2.39%	1.29%	0.87%	4.49%	5.19%	3.79%
	14	2.45%	1.38%	0.87%	4.64%	5.35%	3.93%
	15	2.54%	1.44%	0.87%	4.79%	5.51%	4.07%
	16	2.60%	1.50%	0.87%	4.91%	5.64%	4.18%
	17	2.67%	1.56%	0.87%	5.03%	5.76%	4.29%
	18	2.76%	1.60%	0.94%	5.21%	5.95%	4.46%
	19	2.91%	1.66%	0.94%	5.42%	6.18%	4.66%
	20	3.10%	1.66%	0.94%	5.60%	6.38%	4.83%
	21	3.31%	1.87%	0.94%	6.00%	6.84%	5.16%
CHILDREN	1	0.23%	0.76%	0.06%	1.05%	1.53%	0.57%
	2	0.71%	1.40%	0.24%	2.33%	3.05%	1.62%
	3	1.30%	2.29%	0.30%	3.85%	4.76%	2.94%
	4	1.30%	2.77%	0.42%	4.44%	5.41%	3.46%
	5	1.61%	3.25%	0.72%	5.49%	6.57%	4.41%
	6	1.85%	4.03%	1.03%	6.78%	7.97%	5.59%
	7	1.98%	4.57%	1.16%	7.54%	8.79%	6.29%
	8	2.10%	5.00%	1.47%	8.36%	9.67%	7.05%
	9	2.29%	5.42%	1.60%	9.07%	10.43%	7.70%
	10	2.48%	5.79%	1.60%	9.59%	10.99%	8.20%
	11	2.61%	5.91%	1.79%	10.00%	11.43%	8.58%
	12	2.92%	6.03%	1.86%	10.47%	11.93%	9.02%
	13	3.24%	6.16%	1.92%	10.94%	12.42%	9.46%
	14	3.37%	6.41%	1.98%	11.36%	12.86%	9.85%
	15	3.43%	6.47%	1.98%	11.47%	12.98%	9.96%
	16	3.63%	6.53%	2.05%	11.77%	13.30%	10.24%
	17	3.88%	6.59%	2.18%	12.18%	13.73%	10.63%
	18	3.95%	6.72%	2.25%	12.41%	13.98%	10.85%
	19	4.58%	6.85%	2.25%	13.11%	14.72%	11.51%
	20	4.93%	6.85%	2.34%	13.52%	15.15%	11.88%
	21 ^a	N/A	N/A	N/A	N/A	N/A	N/A

a. Sample size is not large enough for reporting

CLARION 1.2

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total CI Higher	CI Lower
ADULTS	1	0.28%	0.28%	0.14%	0.71%	0.94%	0.48%
	2	0.39%	0.59%	0.22%	1.20%	1.50%	0.89%
	3	0.57%	1.27%	0.33%	2.15%	2.56%	1.75%
	4	0.78%	2.32%	0.49%	3.56%	4.08%	3.04%
	5	0.93%	3.60%	0.64%	5.11%	5.73%	4.50%
	6	1.10%	4.62%	0.73%	6.36%	7.04%	5.67%
	7	1.17%	5.49%	0.82%	7.36%	8.09%	6.63%
	8	1.36%	6.66%	0.95%	8.81%	9.60%	8.01%
	9	1.52%	7.35%	1.08%	9.75%	10.58%	8.92%
	10	1.77%	8.28%	1.29%	11.06%	11.94%	10.18%
	11	1.92%	9.02%	1.38%	12.00%	12.91%	11.09%
	12	2.22%	9.51%	1.58%	12.93%	13.87%	11.99%
	13	2.41%	9.96%	1.63%	13.56%	14.52%	12.60%
	14	2.59%	10.35%	1.73%	14.18%	15.16%	13.20%
	15	2.88%	10.78%	1.80%	14.90%	15.90%	13.90%
	16	3.23%	11.15%	1.87%	15.62%	16.64%	14.60%
	17	3.63%	11.60%	1.94%	16.46%	17.50%	15.42%
	18	4.35%	11.95%	1.94%	17.41%	18.48%	16.35%
	19	4.80%	12.29%	2.04%	18.20%	19.28%	17.12%
	20	5.42%	12.49%	2.12%	18.98%	20.08%	17.88%
	21	5.95%	12.68%	2.17%	19.65%	20.77%	18.54%
	22	6.34%	12.91%	2.25%	20.27%	21.40%	19.14%
	23	7.28%	13.15%	2.29%	21.32%	22.49%	20.15%
	24	7.78%	13.36%	2.35%	21.98%	23.19%	20.77%
	25	7.97%	13.44%	2.55%	22.37%	23.63%	21.12%
CHILDREN	1	0.23%	1.68%	0.11%	2.02%	2.48%	1.55%
	2	0.38%	3.09%	0.20%	3.65%	4.27%	3.03%
	3	0.53%	5.25%	0.41%	6.14%	6.93%	5.34%
	4	0.77%	7.63%	0.54%	8.84%	9.78%	7.90%
	5	0.96%	9.95%	0.92%	11.63%	12.70%	10.57%
	6	1.26%	12.40%	1.21%	14.55%	15.72%	13.38%
	7	1.63%	14.30%	1.49%	16.95%	18.20%	15.70%
	8	1.91%	16.43%	1.83%	19.53%	20.85%	18.21%
	9	2.23%	17.76%	2.26%	21.42%	22.78%	20.05%
	10	2.49%	19.35%	2.81%	23.57%	24.98%	22.16%
	11	2.75%	20.46%	3.19%	25.11%	26.56%	23.67%
	12	2.98%	21.18%	3.45%	26.16%	27.63%	24.70%
	13	3.25%	21.83%	3.68%	27.16%	28.64%	25.67%
	14	3.56%	22.46%	3.80%	28.06%	29.56%	26.57%
	15	4.08%	23.60%	4.04%	29.67%	31.20%	28.15%
	16	4.84%	24.44%	4.36%	31.23%	32.78%	29.69%
	17	5.42%	25.05%	4.77%	32.50%	34.06%	30.93%
	18	6.50%	25.68%	4.98%	33.98%	35.56%	32.39%
	19	7.73%	26.15%	5.16%	35.37%	36.97%	33.78%
	20	9.08%	26.51%	5.34%	36.75%	38.36%	35.14%
	21	10.02%	26.89%	5.53%	37.86%	39.48%	36.23%
	22	11.26%	27.59%	5.76%	39.44%	41.10%	37.79%
	23	12.10%	28.05%	5.91%	40.50%	42.18%	38.81%
	24	13.18%	28.66%	6.14%	41.87%	43.62%	40.11%
	25	14.09%	29.12%	6.34%	42.97%	44.83%	41.11%

CONTACT US

This report is intended to provide both professionals and our CI recipients with relevant information on the reliability of our products. If you have any questions, please contact us by emailing hear@AdvancedBionics.com or visit AdvancedBionics.com for more general information.



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