



ADVANCED  
BIONICS

POWERFUL CONNECTIONS

# Reliability Report July 2024

IMPLANTABLE COCHLEAR STIMULATORS  
AND SOUND PROCESSORS

# POWERFUL CONNECTIONS

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“

TRANSPARENCY IS  
THE FOUNDATION OF TRUST.

With our bi-annual product  
reliability report, we reaffirm our  
commitment to quality and integrity  
for our valued patients  
and partners.

”

Alistair Simpson

PRESIDENT, ADVANCED BIONICS

# INTERPRETING TABLES AND GRAPHS

## IMPLANTABLE COCHLEAR STIMULATORS

### Number of registered HiRes Ultra 3D V2 implants

As of April 1, 2024.  
Date of first commercial introduction: 2019.<sup>a</sup>

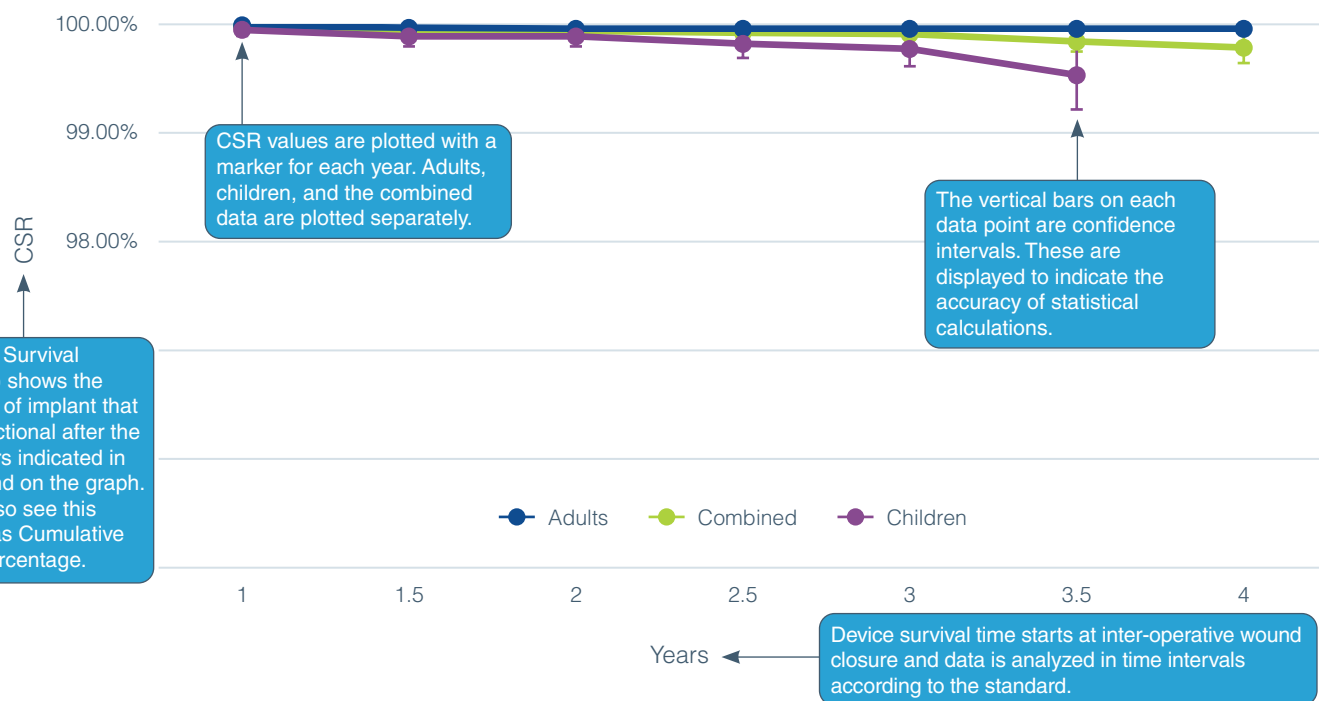
STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	21707	7116	28823 <sup>b</sup>
ANSI/AAMI CI86	18666 <sup>c</sup>	4921	23587

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

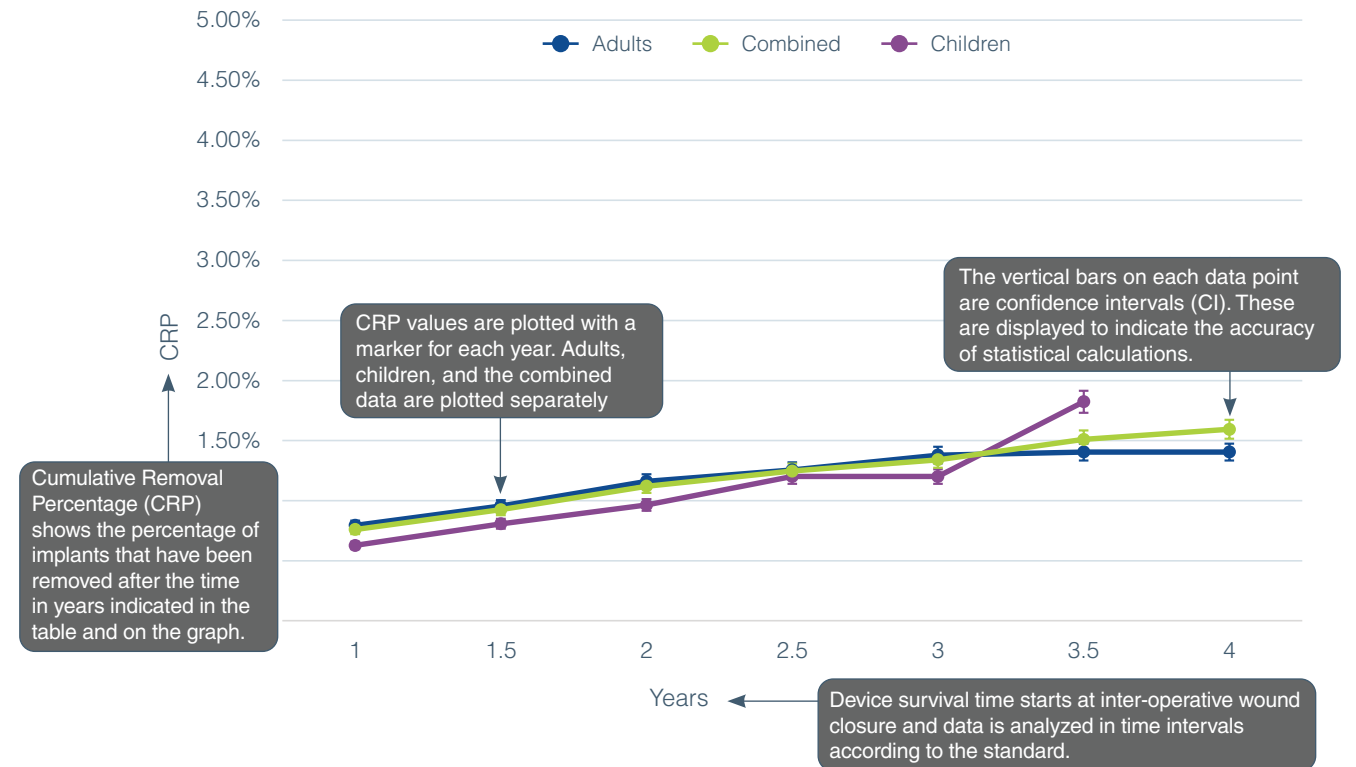
Years in use	1	1.5	2	2.5	3	3.5	4
ADULTS	99.99%	99.97%	99.96%	99.96%	99.96%	99.96%	99.96%
COMBINED	99.98%	99.95%	99.94%	99.92%	99.91%	99.84%	99.79%
CHILDREN	99.95%	99.89%	99.89%	99.82%	99.77%	99.53%	N/A*

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 for reporting

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 explanation: 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	0.73%	0.02%	0.01%	0.76%	0.87%	0.65%
1.5	0.87%	0.04%	0.01%	0.93%	1.05%	0.80%
2	1.06%	0.05%	0.01%	1.12%	1.26%	0.98%
2.5	1.16%	0.07%	0.01%	1.25%	1.40%	1.09%
3	1.25%	0.07%	0.02%	1.34%	1.51%	1.17%
3.5	1.32%	0.14%	0.05%	1.51%	1.72%	1.30%
4	1.41%	0.14%	0.05%	1.59%	1.84%	1.35%

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 99.79%.



### Number of registered HiRes Ultra 3D V2 implants

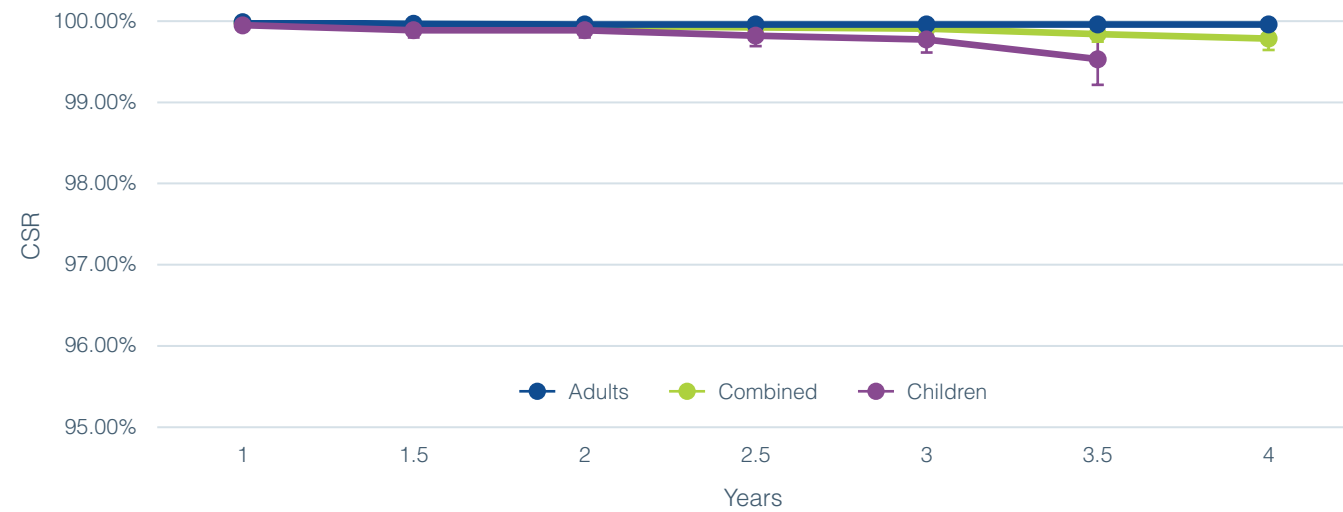
As of April 1, 2024.

Date of first commercial introduction: 2019.<sup>a</sup>

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	21707	7116	28823 <sup>b</sup>
ANSI/AAMI CI86	23011 <sup>c</sup>	5812	28823

- 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



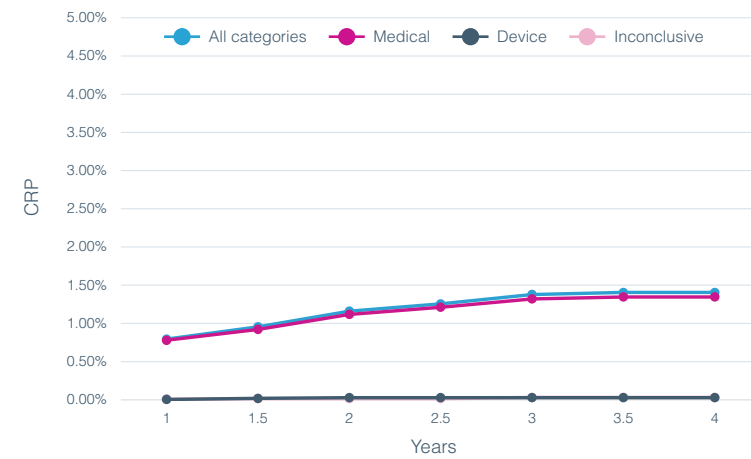
### CUMULATIVE SURVIVAL RATE

Years in use	1	1.5	2	2.5	3	3.5	4
ADULTS	99.99%	99.97%	99.96%	99.96%	99.96%	99.96%	99.96%
COMBINED	99.98%	99.95%	99.94%	99.92%	99.91%	99.84%	99.79%
CHILDREN	99.95%	99.89%	99.89%	99.82%	99.77%	99.53%	N/A*

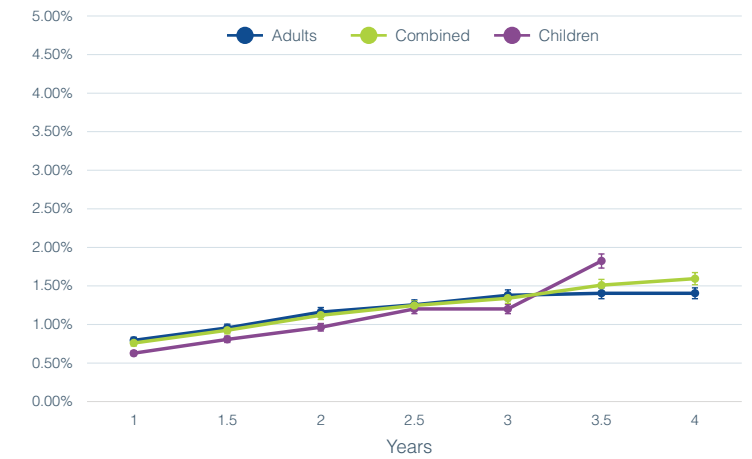
\*Sample size is not large enough for reporting

## ANSI/AAMI CI86

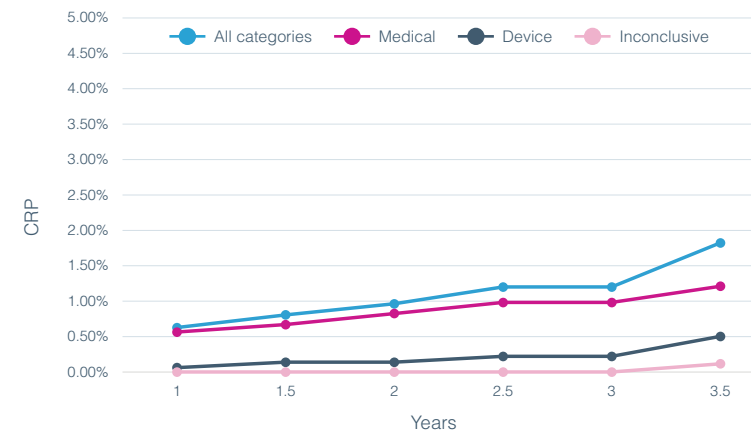
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



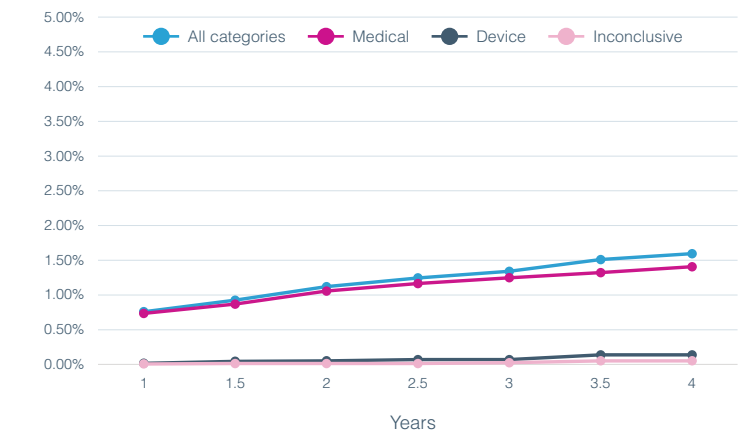
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



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	0.73%	0.02%	0.01%	0.76%	0.87%	0.65%
1.5	0.87%	0.04%	0.01%	0.93%	1.05%	0.80%
2	1.06%	0.05%	0.01%	1.12%	1.26%	0.98%
2.5	1.16%	0.07%	0.01%	1.25%	1.40%	1.09%
3	1.25%	0.07%	0.02%	1.34%	1.51%	1.17%
3.5	1.32%	0.14%	0.05%	1.51%	1.72%	1.30%
4	1.41%	0.14%	0.05%	1.59%	1.84%	1.35%

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

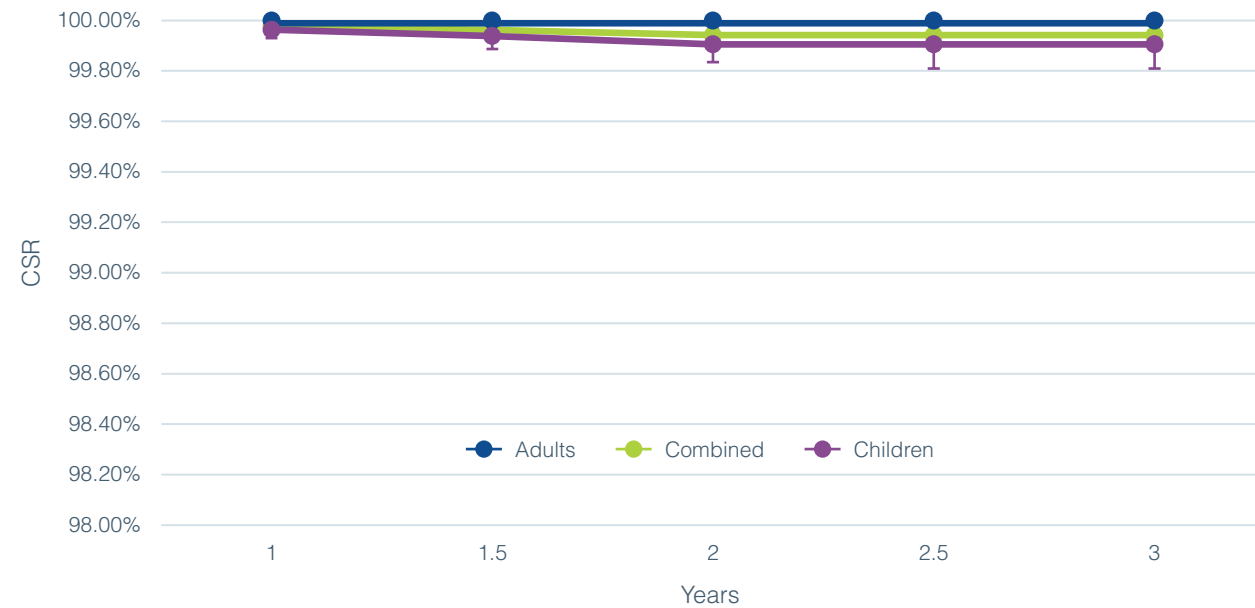
As of April 1, 2024.

Date of first commercial introduction: 2019.<sup>a</sup>

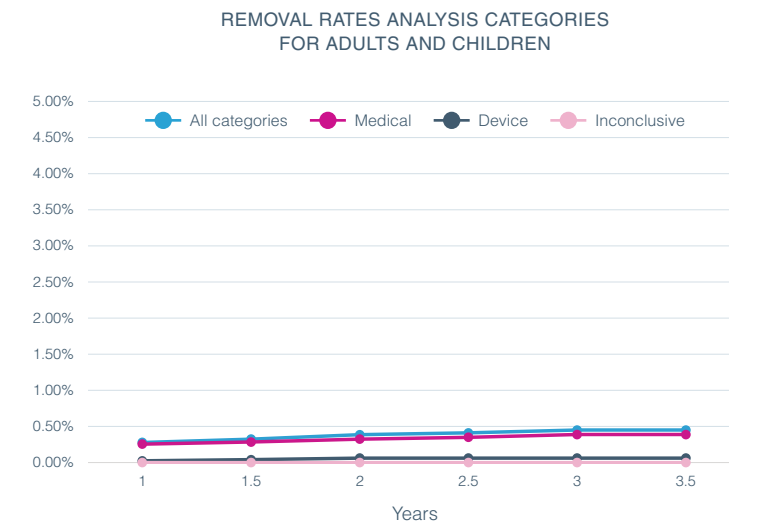
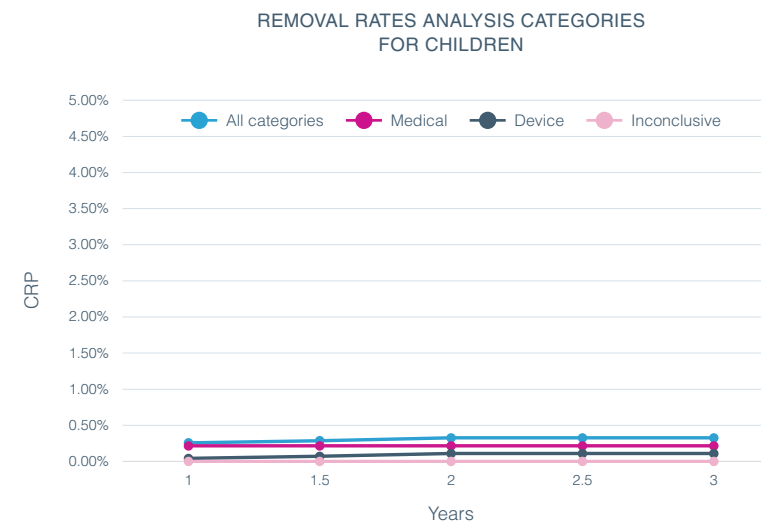
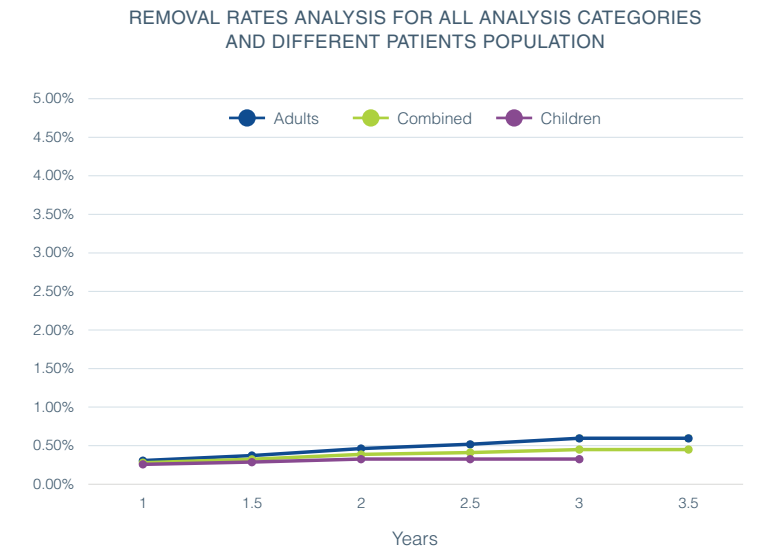
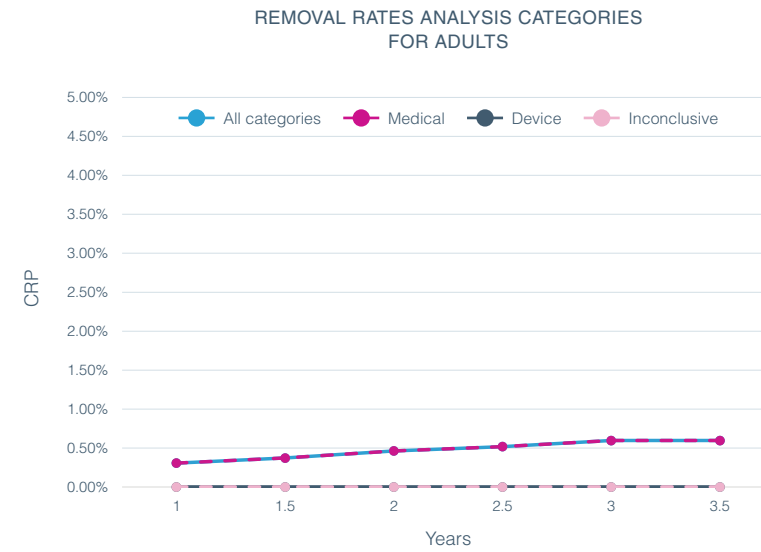
STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	3551	5996	9547 <sup>b</sup>
ANSI/AAMI CI86	4175 <sup>c</sup>	5372	9547

- 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



# ANSI/AAMI CI86



## COMBINED ADULTS AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
					CI Higher	CI Lower
1	0.26%	0.02%	0.00%	0.28%	0.39%	0.17%
1.5	0.28%	0.04%	0.00%	0.32%	0.45%	0.20%
2	0.32%	0.06%	0.00%	0.39%	0.53%	0.25%
2.5	0.35%	0.06%	0.00%	0.41%	0.56%	0.26%
3	0.39%	0.06%	0.00%	0.45%	0.62%	0.28%
3.5	0.39%	0.06%	0.00%	0.45%	0.62%	0.28%

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 3D (V1) 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.

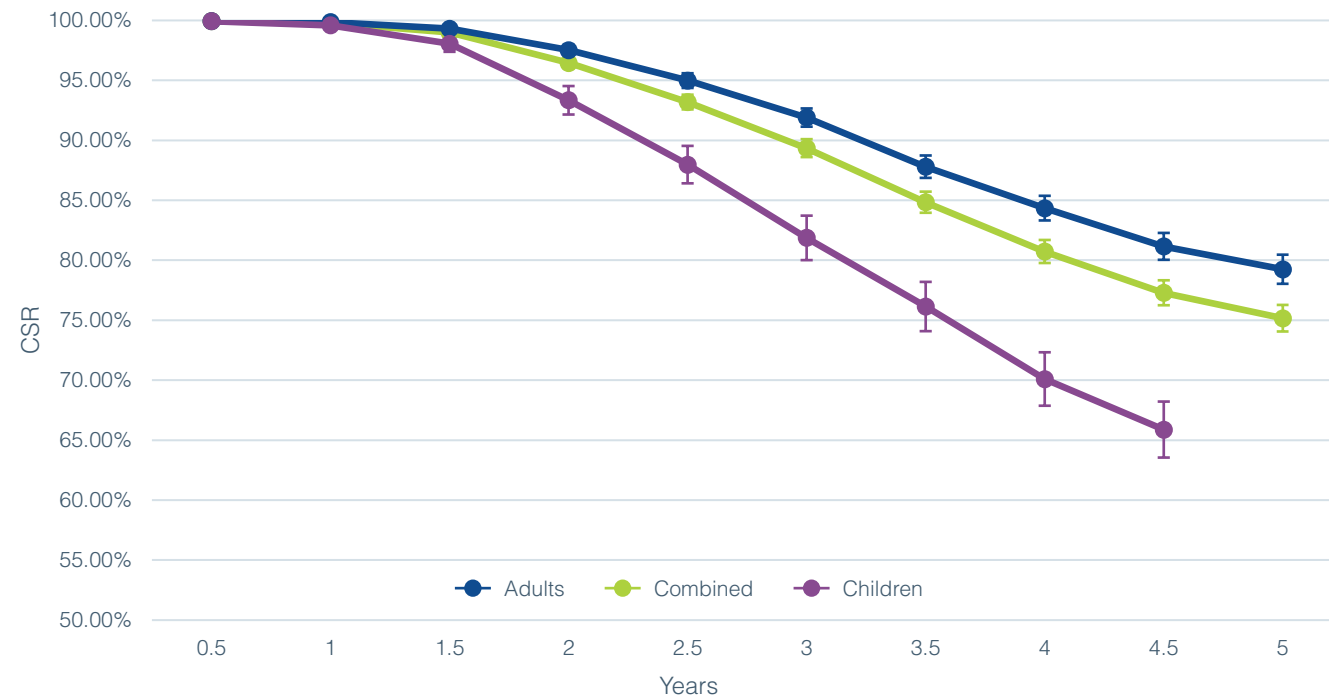
### Number of registered HiRes Ultra 3D (V1) implants

As of April 1, 2024.  
Last year of distribution: subject to voluntary field action February, 2020.<sup>a</sup>

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	4979	1718	6697 <sup>b</sup>
ANSI/AAMI CI86	5250 <sup>c</sup>	1447	6697

- 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



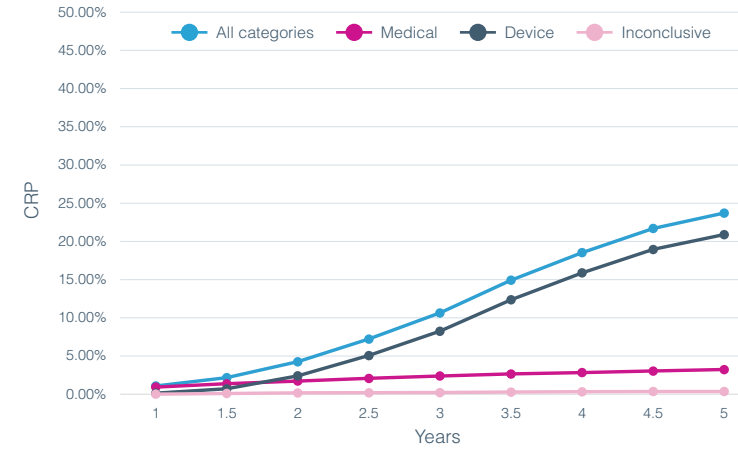
### CUMULATIVE SURVIVAL RATE

Years in use	1	1.5	2	2.5	3	3.5	4	4.5	5
ADULTS	99.86%	99.31%	97.52%	94.98%	91.90%	87.80%	84.34%	81.15%	79.25%
COMBINED	99.79%	98.99%	96.45%	93.19%	89.35%	84.84%	80.73%	77.29%	75.16%
CHILDREN	99.59%	98.05%	93.35%	87.97%	81.88%	76.15%	70.09%	65.88%	N/A*

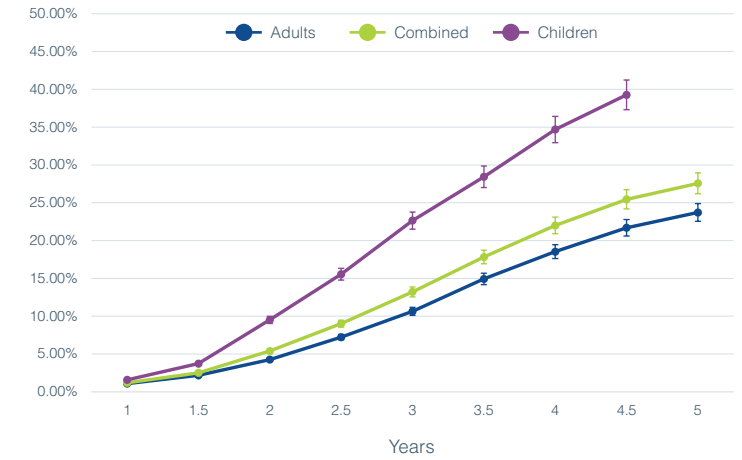
\*Sample size is not large enough for reporting

## ANSI/AAMI CI86

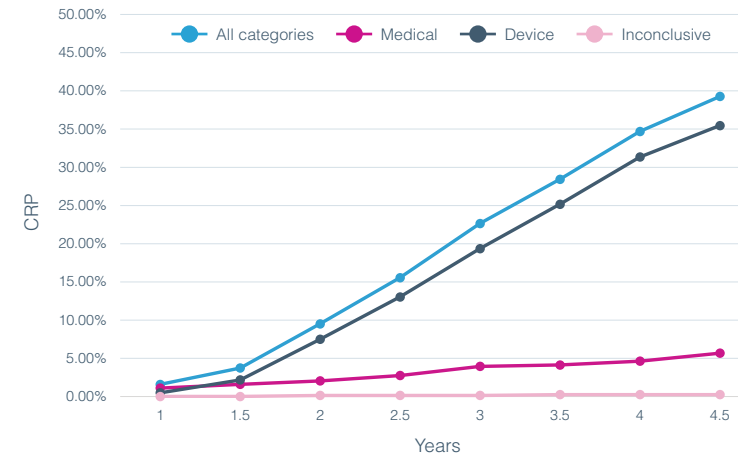
### REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



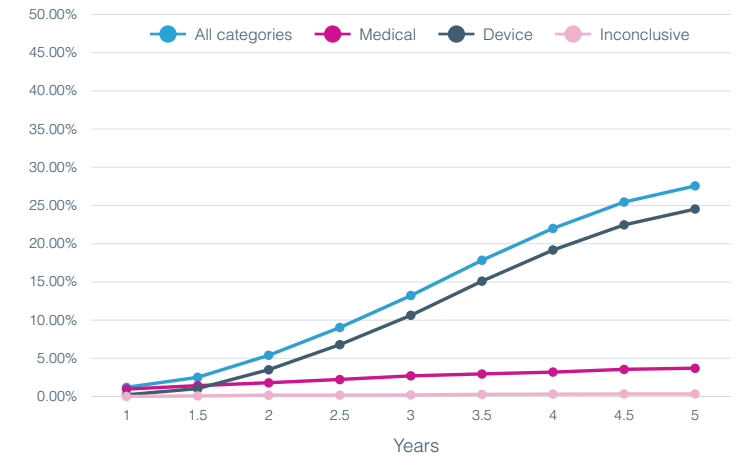
### REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



### 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	0.97%	0.21%	0.01%	1.20%	1.46%	0.94%
1.5	1.42%	1.03%	0.08%	2.51%	2.89%	2.14%
2	1.79%	3.50%	0.17%	5.39%	5.93%	4.85%
2.5	2.22%	6.78%	0.19%	9.02%	9.71%	8.33%
3	2.70%	10.63%	0.20%	13.22%	14.03%	12.40%
3.5	2.95%	15.10%	0.28%	17.82%	18.75%	16.90%
4	3.19%	19.18%	0.31%	22.00%	23.00%	21.00%
4.5	3.54%	22.46%	0.33%	25.46%	26.52%	24.40%
5	3.70%	24.53%	0.33%	27.57%	28.69%	26.44%

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.

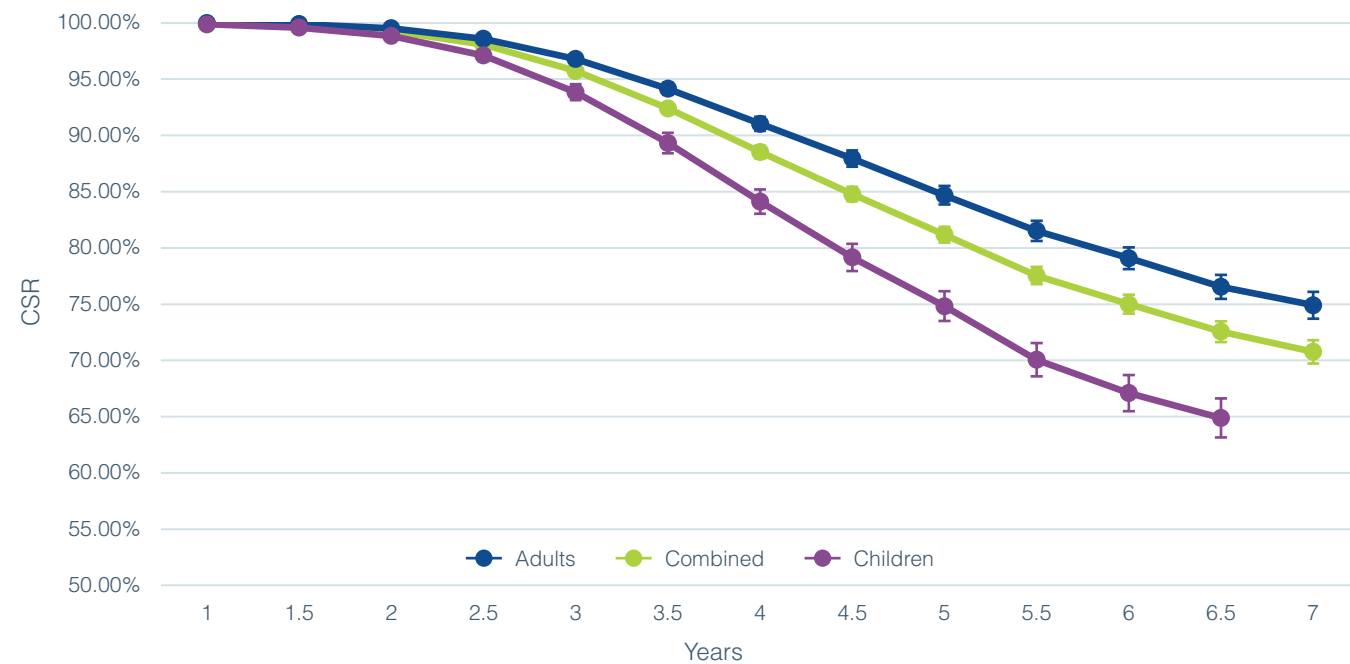
## Number of registered HiRes Ultra (V1) implants

As of April 1, 2024.  
Last year of distribution: subject to voluntary field action February, 2020.<sup>a</sup>

	STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014		8061	4492	12553 <sup>b</sup>
ANSI/AAMI CI86		8592 <sup>c</sup>	3962	12554

- 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



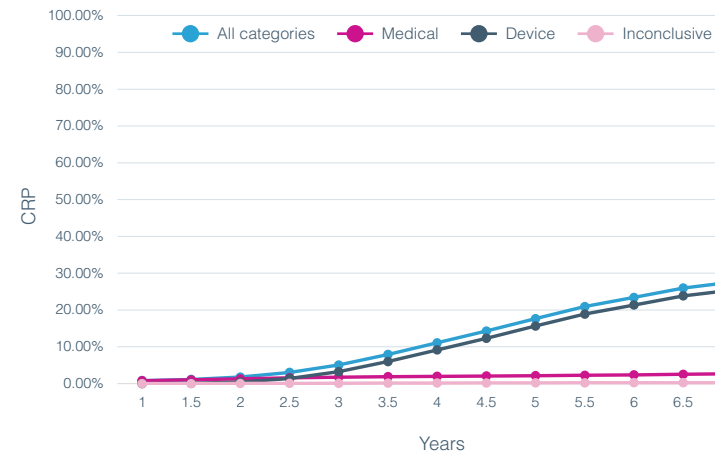
### CUMULATIVE SURVIVAL RATE

Years in use	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7
ADULTS	99.98%	99.90%	99.53%	98.59%	96.80%	94.15%	91.04%	87.94%	84.68%	81.52%	79.10%	76.54%	74.91%
COMBINED	99.94%	99.78%	99.28%	98.06%	95.73%	92.41%	88.53%	84.78%	81.17%	77.55%	74.99%	72.56%	70.77%
CHILDREN	99.89%	99.58%	98.84%	97.12%	93.84%	89.33%	84.12%	79.16%	74.82%	70.07%	67.10%	64.89%	N/A*

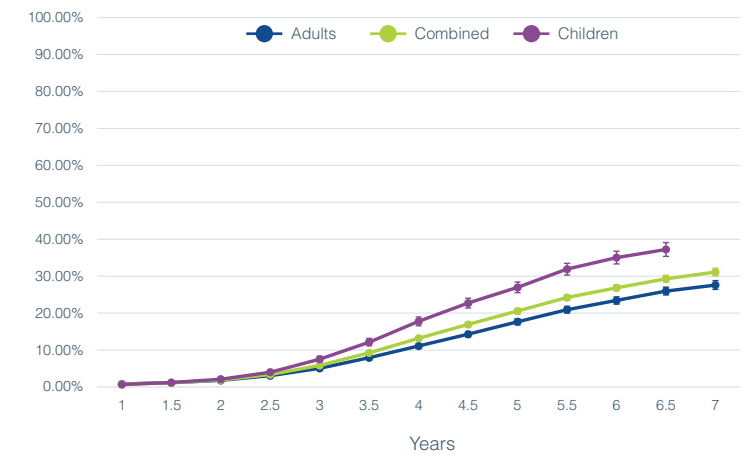
\*Sample size is not large enough for reporting

# ANSI/AAMI CI86

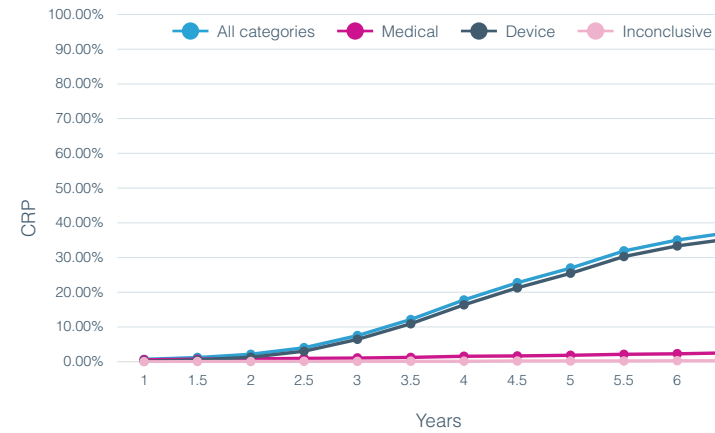
REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



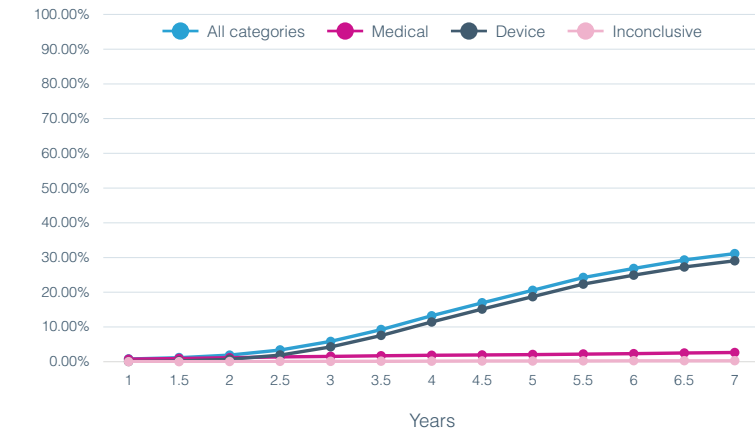
REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



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	0.71%	0.06%	0.02%	0.78%	0.94%	0.63%
1.5	0.93%	0.22%	0.02%	1.17%	1.36%	0.98%
2	1.15%	0.70%	0.05%	1.89%	2.13%	1.65%
2.5	1.39%	1.92%	0.08%	3.36%	3.68%	3.05%
3	1.54%	4.26%	0.11%	5.83%	6.25%	5.42%
3.5	1.70%	7.56%	0.14%	9.25%	9.76%	8.74%
4	1.85%	11.44%	0.15%	13.21%	13.80%	12.61%
4.5	1.93%	15.14%	0.19%	16.94%	17.61%	16.28%
5	2.06%	18.72%	0.20%	20.55%	21.27%	19.82%
5.5	2.21%	22.34%	0.23%	24.23%	25.02%	23.44%
6	2.32%	24.92%	0.26%	26.85%	27.70%	26.01%
6.5	2.50%	27.28%	0.26%	29.29%	30.22%	28.36%
7	2.63%	29.06%	0.26%	31.12%	32.16%	30.08%

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.



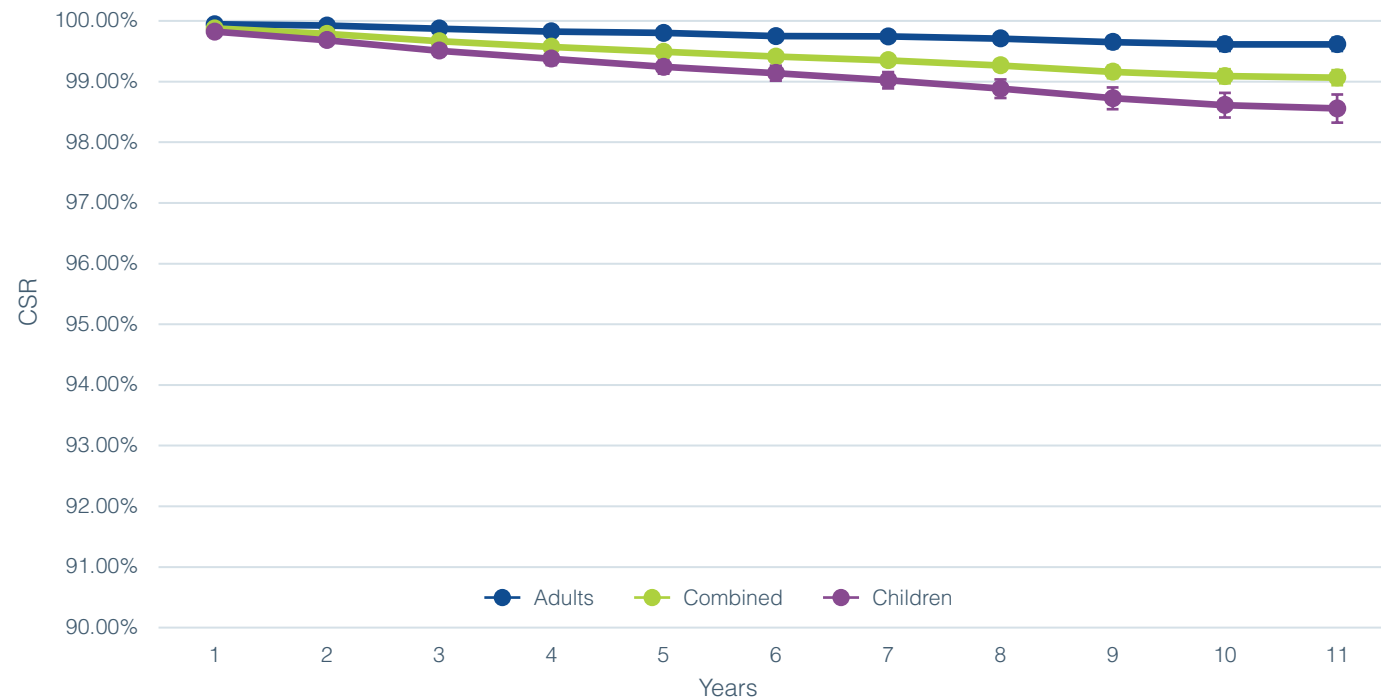
## Number of registered HiRes 90K Advantage implants

As of April 1, 2024.  
Last year of distribution: 2023.<sup>a</sup>

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	18396	24604	43000 <sup>b</sup>
ANSI/AAMI CI86	20899 <sup>c</sup>	21968	42867

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.

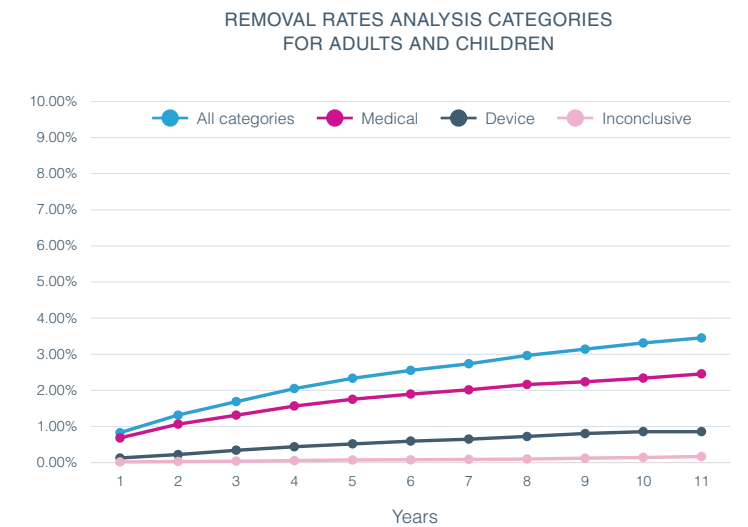
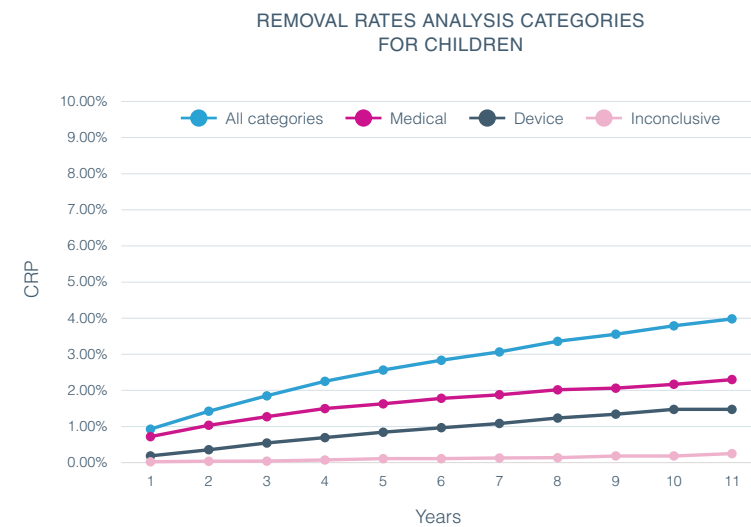
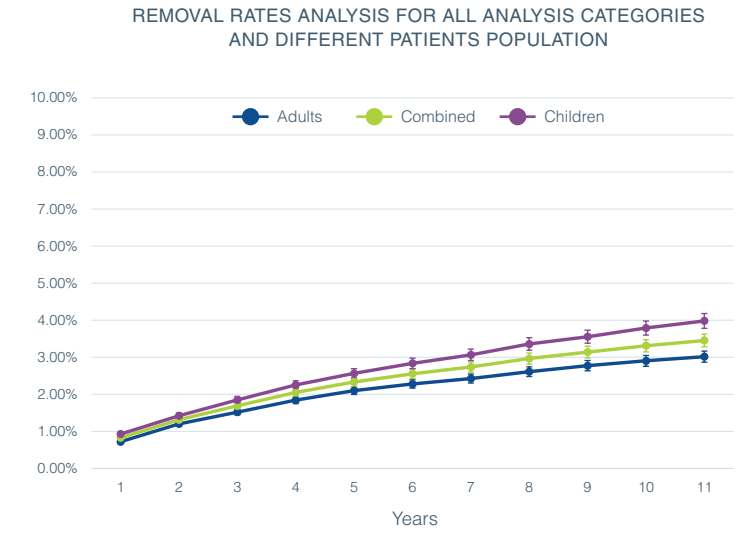
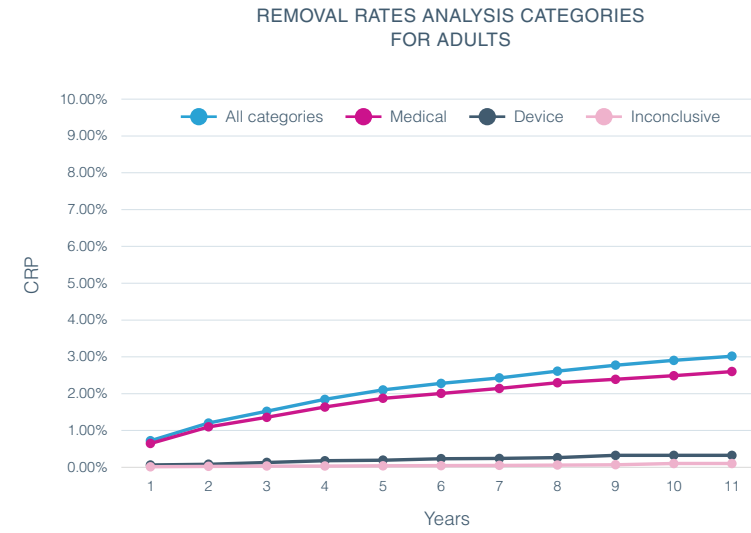
## ISO 5841-2:2014



### CUMULATIVE SURVIVAL RATE

Years in use	1	2	3	4	5	6	7	8	9	10	11
ADULTS	99.95%	99.92%	99.87%	99.83%	99.80%	99.75%	99.74%	99.71%	99.65%	99.61%	99.61%
COMBINED	99.88%	99.79%	99.67%	99.57%	99.49%	99.41%	99.35%	99.27%	99.16%	99.09%	99.07%
CHILDREN	99.82%	99.68%	99.51%	99.38%	99.24%	99.14%	99.02%	98.88%	98.73%	98.61%	98.56%

# ANSI/AAMI CI86



## COMBINED ADULT AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
					CI Higher	CI Lower
1	0.68%	0.13%	0.02%	0.83%	0.91%	0.74%
2	1.07%	0.22%	0.03%	1.31%	1.42%	1.21%
3	1.31%	0.34%	0.04%	1.69%	1.81%	1.57%
4	1.57%	0.44%	0.05%	2.05%	2.19%	1.91%
5	1.75%	0.52%	0.07%	2.33%	2.48%	2.19%
6	1.90%	0.60%	0.08%	2.55%	2.71%	2.40%
7	2.02%	0.65%	0.09%	2.74%	2.90%	2.57%
8	2.16%	0.72%	0.10%	2.97%	3.14%	2.79%
9	2.24%	0.80%	0.12%	3.14%	3.32%	2.96%
10	2.34%	0.86%	0.14%	3.31%	3.51%	3.11%
11	2.46%	0.86%	0.17%	3.45%	3.68%	3.22%

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.



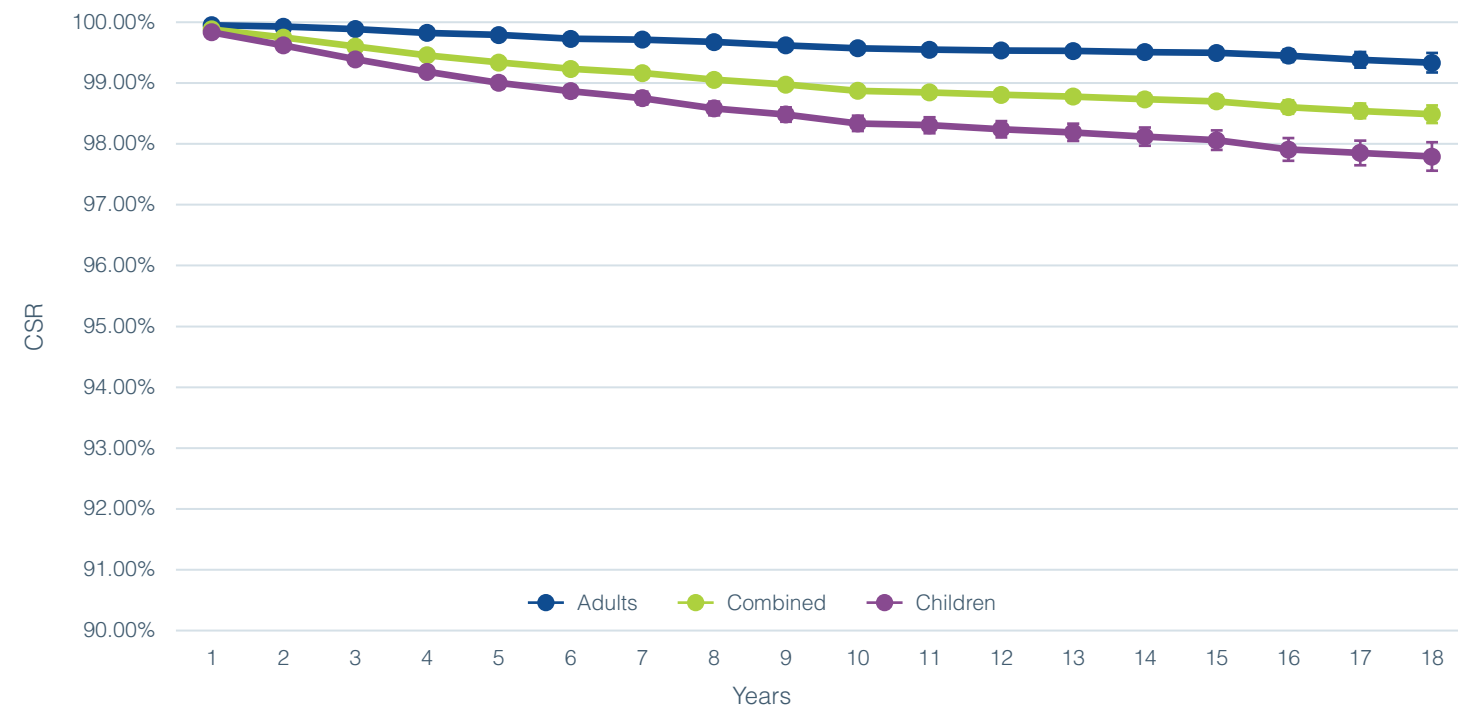
## Number of registered HiRes 90K implants (vendor A post-mod)

As of April 1, 2024.  
Last year of distribution: 2018.<sup>a</sup>

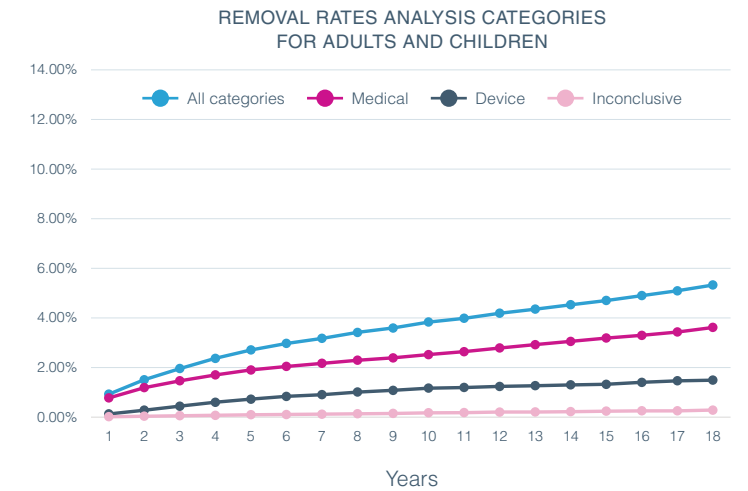
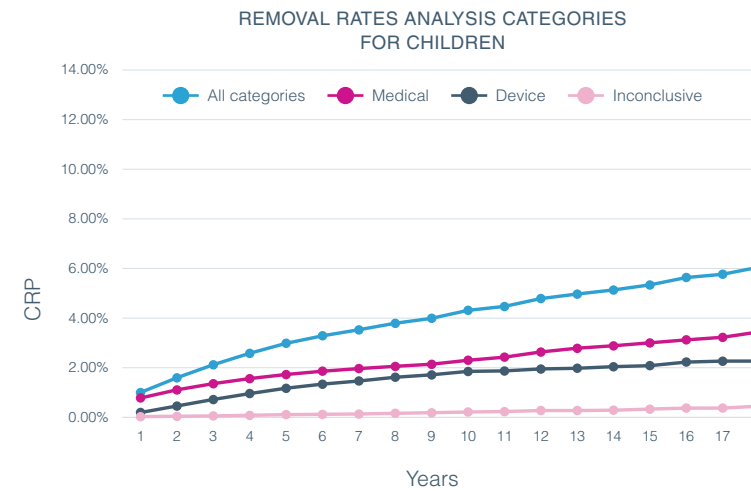
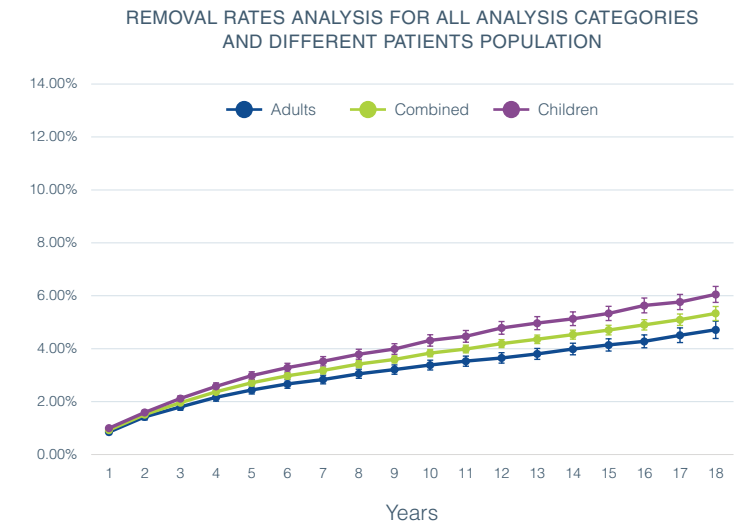
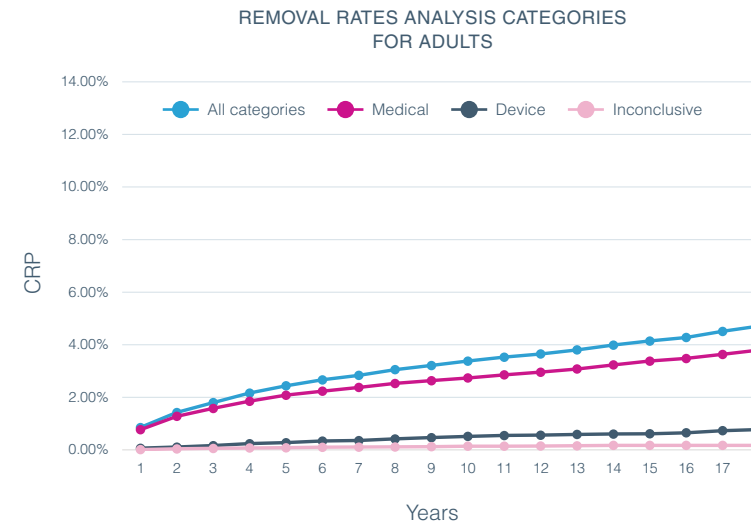
STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	34538	47282	81820 <sup>b</sup>
ANSI/AAMI CI86	40488 <sup>c</sup>	41332	81820

- 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



# ANSI/AAMI CI86



## 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%	0.93%	0.99%	0.86%
2	1.19%	0.28%	0.04%	1.51%	1.59%	1.43%
3	1.47%	0.44%	0.06%	1.96%	2.06%	1.87%
4	1.71%	0.60%	0.08%	2.37%	2.48%	2.27%
5	1.90%	0.73%	0.10%	2.71%	2.82%	2.60%
6	2.05%	0.84%	0.11%	2.98%	3.09%	2.86%
7	2.17%	0.91%	0.12%	3.18%	3.30%	3.06%
8	2.30%	1.01%	0.14%	3.42%	3.55%	3.29%
9	2.39%	1.08%	0.15%	3.60%	3.73%	3.46%
10	2.52%	1.17%	0.18%	3.84%	3.98%	3.70%
11	2.64%	1.20%	0.19%	3.99%	4.13%	3.84%
12	2.79%	1.24%	0.21%	4.19%	4.35%	4.04%
13	2.92%	1.27%	0.21%	4.36%	4.52%	4.20%
14	3.05%	1.30%	0.22%	4.53%	4.70%	4.36%
15	3.19%	1.33%	0.24%	4.71%	4.89%	4.52%
16	3.30%	1.40%	0.26%	4.90%	5.10%	4.71%
17	3.43%	1.47%	0.26%	5.10%	5.31%	4.88%
18	3.62%	1.49%	0.29%	5.33%	5.60%	5.07%

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

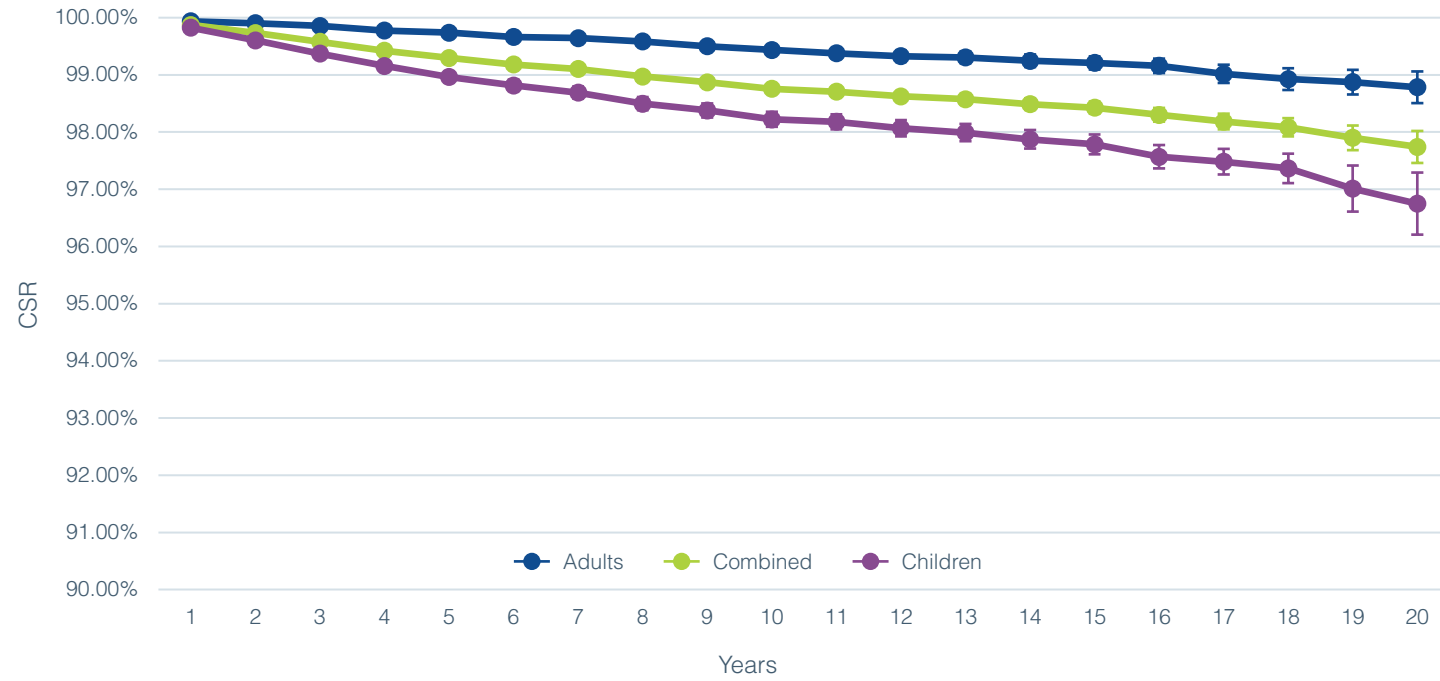
### Number of registered HiRes 90K implants (vendor A all)

As of April 1, 2024.  
Last year of distribution: 2018.<sup>a</sup>

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	35989	48380	84369 <sup>b</sup>
ANSI/AAMI CI86	42149 <sup>c</sup>	42220	84369

- 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.

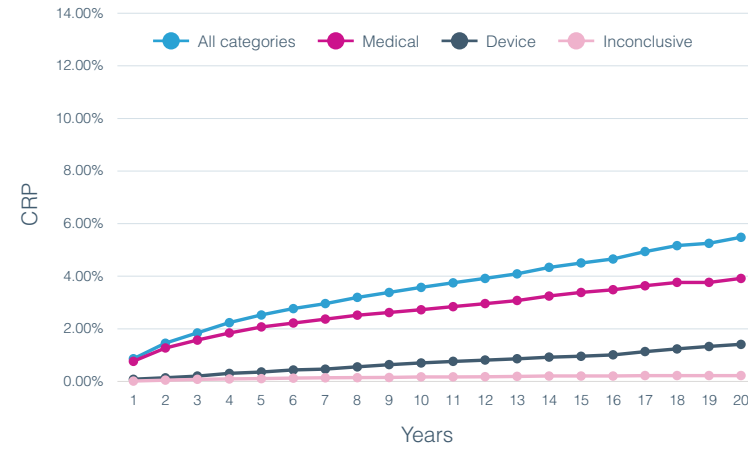
### ISO 5841-2:2014



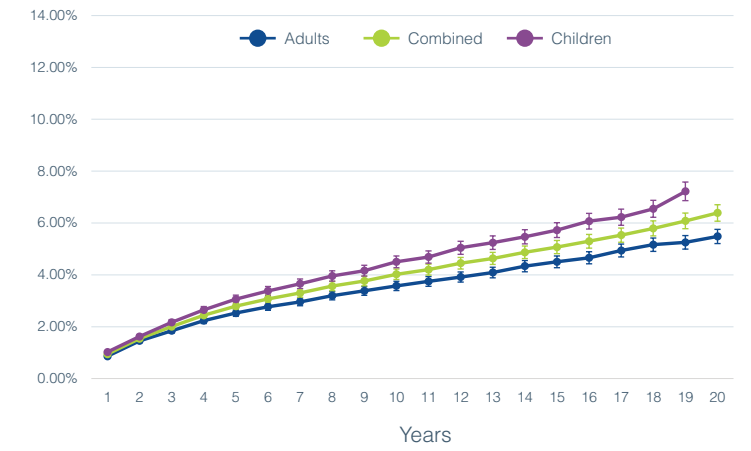
### CUMULATIVE SURVIVAL RATE

Years in use	1	2	3	4	5	6	7	8	9	10
ADULTS	99.94%	99.90%	99.86%	99.78%	99.74%	99.66%	99.64%	99.58%	99.50%	99.44%
COMBINED	99.87%	99.73%	99.58%	99.42%	99.30%	99.18%	99.10%	98.97%	98.87%	98.76%
CHILDREN	99.83%	99.60%	99.37%	99.16%	98.96%	98.82%	98.69%	98.50%	98.38%	98.22%
Years in use	11	12	13	14	15	16	17	18	19	20
ADULTS	99.38%	99.33%	99.30%	99.25%	99.21%	99.16%	99.02%	98.93%	98.87%	98.78%
COMBINED	98.71%	98.62%	98.57%	98.49%	98.43%	98.30%	98.18%	98.08%	97.90%	97.74%
CHILDREN	98.18%	98.07%	97.99%	97.87%	97.79%	97.57%	97.48%	97.37%	97.01%	96.75%

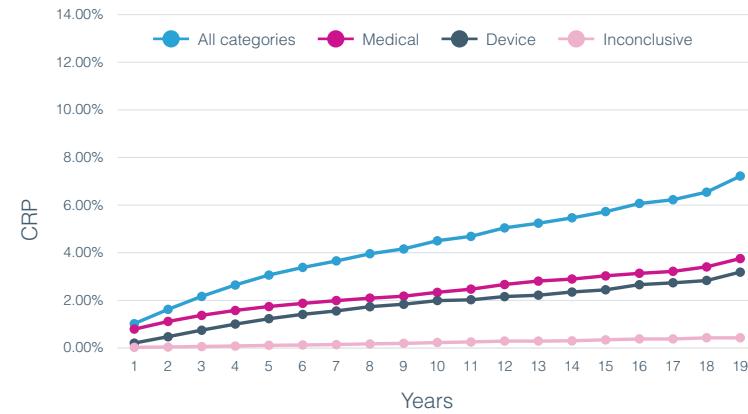
### REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



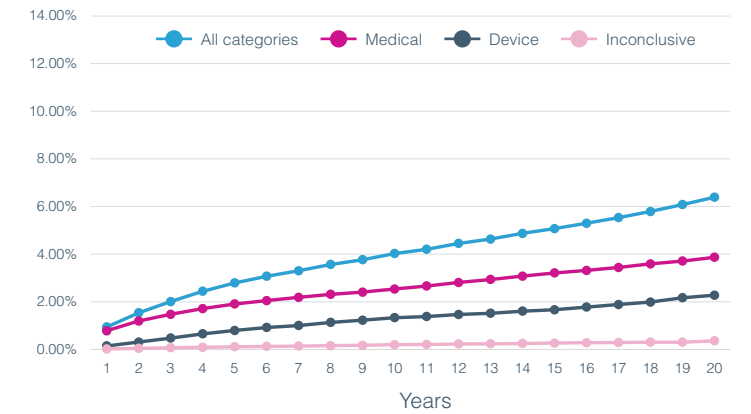
### REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



### 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%	0.14%	0.02%	0.94%	1.01%	0.88%
2	1.19%	0.31%	0.04%	1.54%	1.62%	1.45%
3	1.47%	0.48%	0.07%	2.01%	2.10%	1.91%
4	1.71%	0.65%	0.09%	2.44%	2.54%	2.34%
5	1.91%	0.79%	0.11%	2.79%	2.90%	2.68%
6	2.05%	0.92%	0.13%	3.07%	3.19%	2.95%
7	2.18%	1.00%	0.14%	3.30%	3.42%	3.18%
8	2.31%	1.13%	0.16%	3.57%	3.70%	3.44%
9	2.40%	1.22%	0.17%	3.76%	3.90%	3.63%
10	2.53%	1.33%	0.20%	4.02%	4.16%	3.88%
11	2.66%	1.38%	0.21%	4.20%	4.35%	4.06%
12	2.81%	1.46%	0.23%	4.45%	4.60%	4.29%
13	2.94%	1.52%	0.24%	4.63%	4.80%	4.47%
14	3.07%	1.61%	0.25%	4.87%	5.04%	4.70%
15	3.21%	1.66%	0.26%	5.07%	5.25%	4.89%
16	3.31%	1.78%	0.28%	5.30%	5.49%	5.10%
17	3.44%	1.88%	0.29%	5.53%	5.75%	5.31%
18	3.59%	1.98%	0.30%	5.79%	6.04%	5.54%
19	3.71%	2.17%	0.30%	6.08%	6.39%	5.77%
20	3.87%	2.27%	0.36%	6.39%	6.78%	5.99%

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

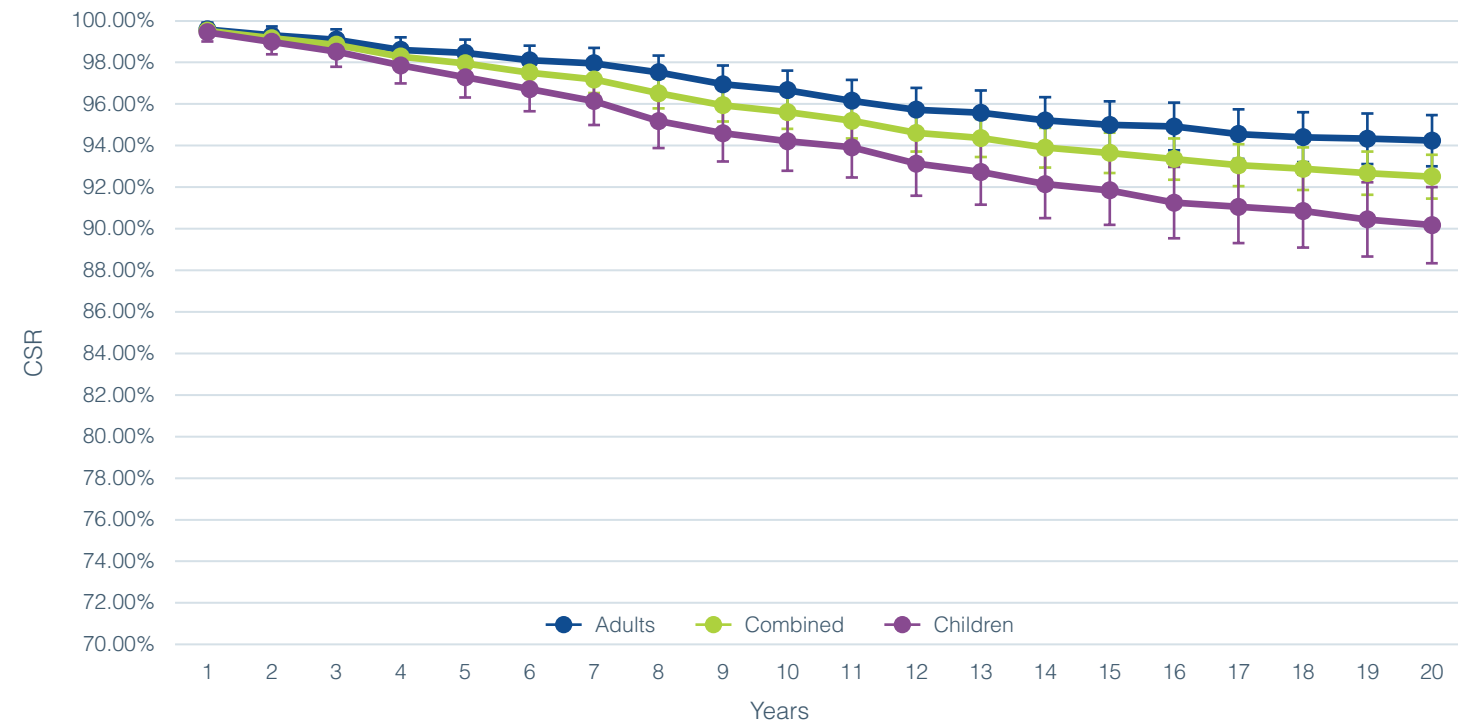
## Number of registered HiRes 90K implants (vendor A pre-mod)

As of April 1, 2024.  
Last year of distribution: 2005.<sup>a</sup>

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	1451	1098	2549 <sup>b</sup>
ANSI/AAMI CI86	1661 <sup>c</sup>	888	2549

- 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



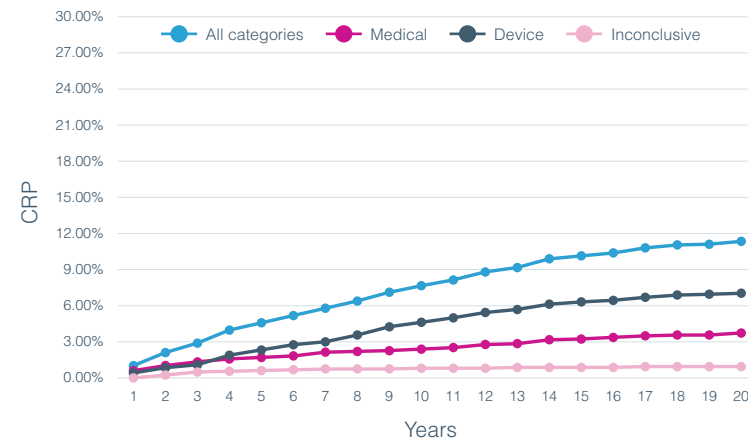
### CUMULATIVE SURVIVAL RATE

Years in use	1	2	3	4	5	6	7	8	9	10
ADULTS	99.59%	99.31%	99.10%	98.60%	98.46%	98.10%	97.96%	97.53%	96.95%	96.66%
COMBINED	99.53%	99.17%	98.85%	98.28%	97.96%	97.51%	97.18%	96.52%	95.94%	95.61%
CHILDREN	99.45%	98.99%	98.52%	97.86%	97.29%	96.72%	96.14%	95.18%	94.60%	94.21%

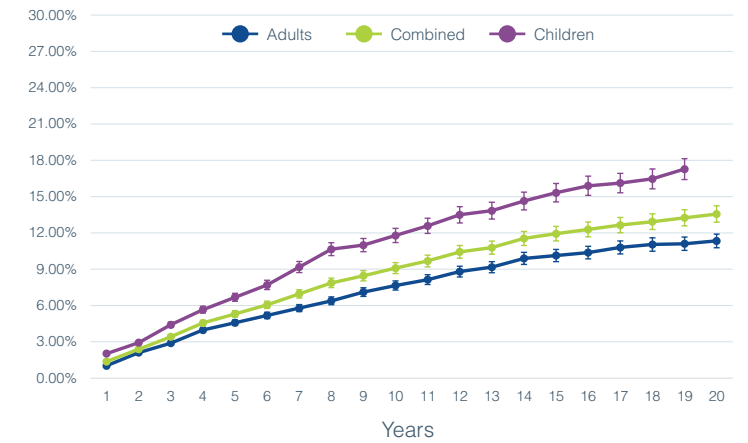
  

Years in use	11	12	13	14	15	16	17	18	19	20
ADULTS	96.16%	95.72%	95.58%	95.21%	94.99%	94.92%	94.55%	94.40%	94.33%	94.24%
COMBINED	95.20%	94.61%	94.36%	93.90%	93.65%	93.35%	93.06%	92.89%	92.67%	92.51%
CHILDREN	93.91%	93.13%	92.73%	92.14%	91.85%	91.25%	91.05%	90.85%	90.45%	90.17%

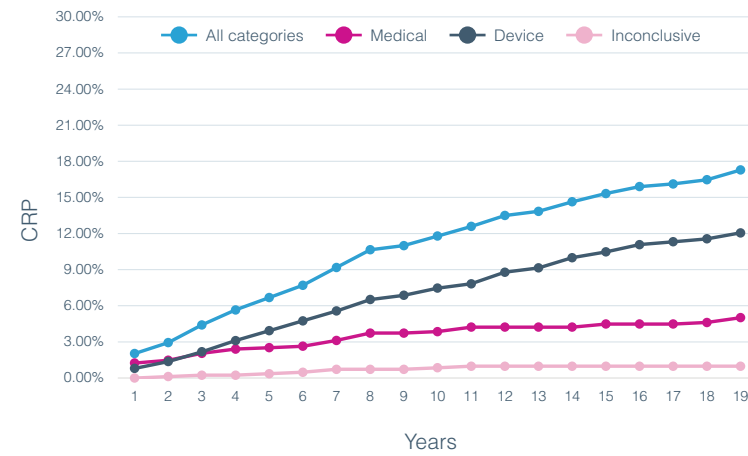
### REMOVAL RATES ANALYSIS CATEGORIES FOR ADULTS



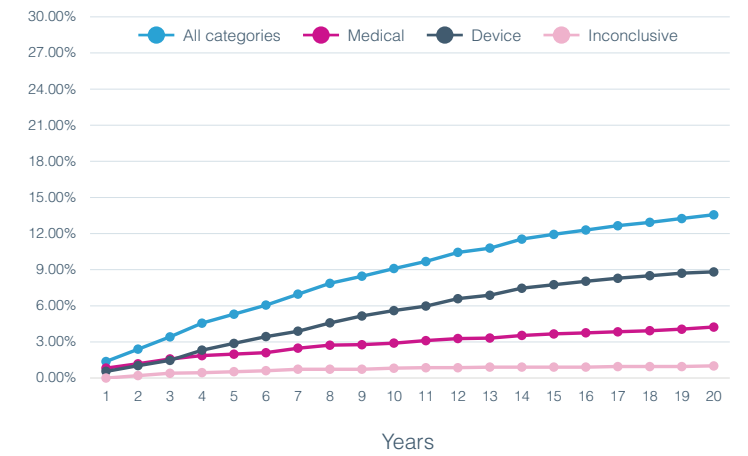
### REMOVAL RATES ANALYSIS FOR ALL ANALYSIS CATEGORIES AND DIFFERENT PATIENTS POPULATION



### 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	0.83%	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%	0.52%	5.31%	6.18%	4.44%
6	2.11%	3.45%	0.61%	6.06%	6.98%	5.13%
7	2.48%	3.89%	0.73%	6.96%	7.95%	5.97%
8	2.73%	4.58%	0.73%	7.87%	8.92%	6.82%
9	2.77%	5.16%	0.73%	8.46%	9.54%	7.38%
10	2.90%	5.61%	0.82%	9.09%	10.21%	7.97%
11	3.11%	5.98%	0.86%	9.68%	10.83%	8.53%
12	3.28%	6.59%	0.86%	10.44%	11.62%	9.25%
13	3.32%	6.88%	0.91%	10.79%	12.00%	9.58%
14	3.54%	7.46%	0.91%	11.54%	12.79%	10.30%
15	3.67%	7.75%	0.91%	11.94%	13.20%	10.68%
16	3.75%	8.04%	0.91%	12.29%	13.57%	11.02%
17	3.84%	8.29%	0.95%	12.65%	13.94%	11.36%
18	3.93%	8.50%	0.95%	12.93%	14.23%	11.62%
19	4.06%	8.71%	0.95%	13.25%	14.57%	11.93%
20	4.23%	8.82%	1.01%	13.56%	14.90%	12.22%

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 April 1, 2024.

Last year of distribution: subject to voluntary recall in 2006.<sup>a</sup>

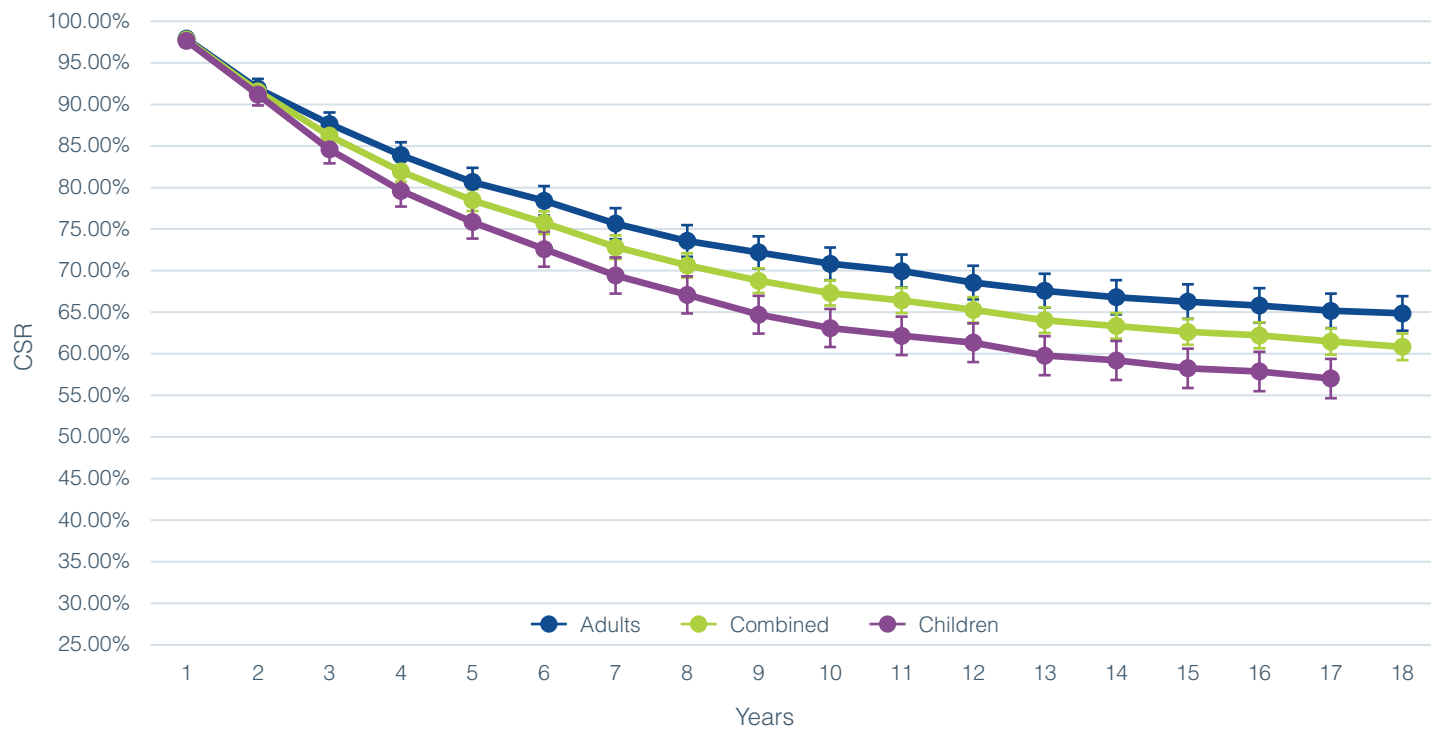
STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	2214	1847	4061 <sup>b</sup>
ANSI/AAMI CI86	2559 <sup>c</sup>	1502	4061

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.

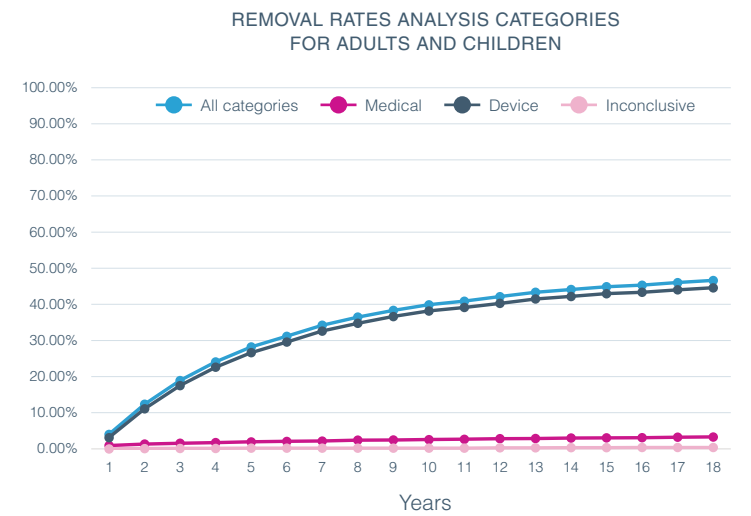
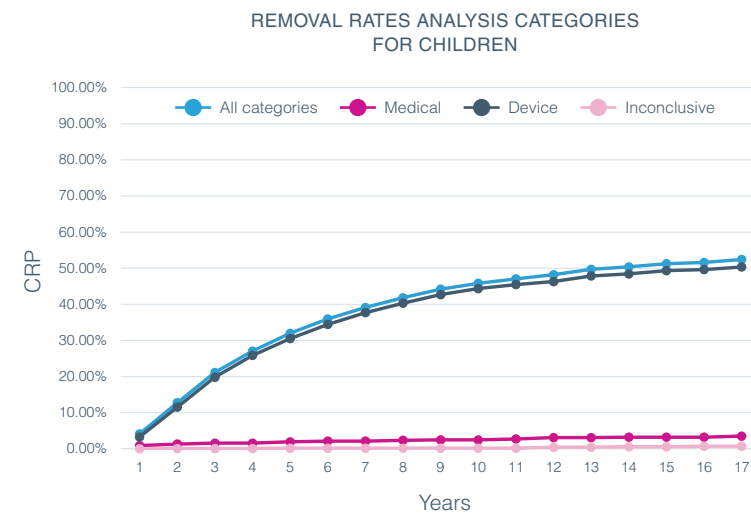
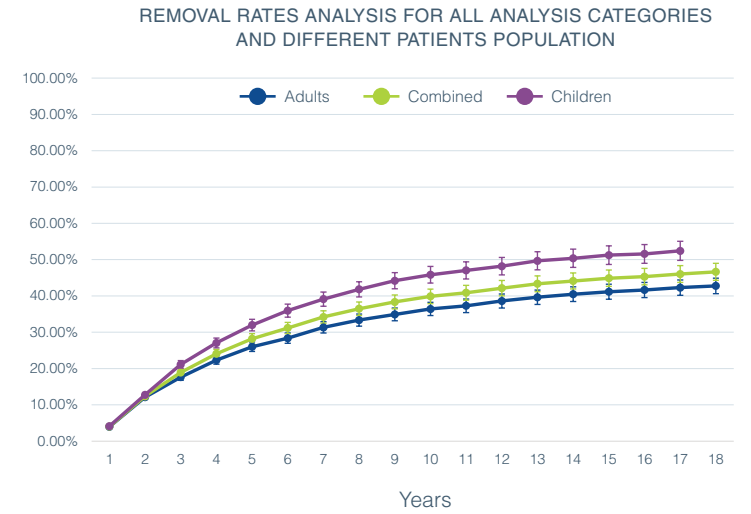
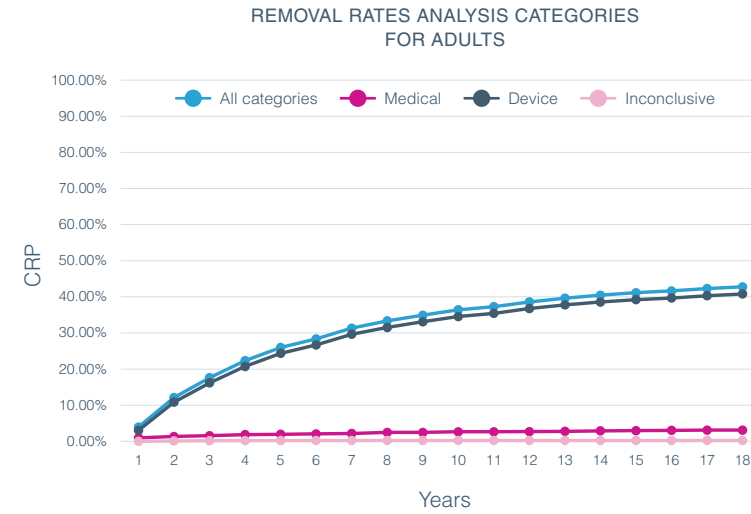
b. The combined number also includes any registered users for whom we do not have date of birth information.

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



\*Sample size is not large enough for reporting



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%	22.61%	0.14%	24.07%	25.39%	22.75%
5	1.94%	26.63%	0.21%	28.20%	29.59%	26.81%
6	2.08%	29.56%	0.21%	31.17%	32.60%	29.74%
7	2.15%	32.62%	0.21%	34.21%	35.68%	32.75%
8	2.42%	34.77%	0.21%	36.48%	37.97%	35.00%
9	2.46%	36.65%	0.21%	38.33%	39.84%	36.83%
10	2.58%	38.17%	0.21%	39.89%	41.40%	38.37%
11	2.66%	39.15%	0.21%	40.89%	42.41%	39.37%
12	2.83%	40.28%	0.29%	42.14%	43.67%	40.62%
13	2.87%	41.50%	0.29%	43.35%	44.88%	41.82%
14	3.00%	42.20%	0.34%	44.13%	45.66%	42.59%
15	3.04%	42.96%	0.34%	44.88%	46.42%	43.34%
16	3.09%	43.35%	0.38%	45.31%	46.85%	43.77%
17	3.22%	44.02%	0.38%	46.03%	47.57%	44.49%
18	3.29%	44.60%	0.38%	46.63%	48.19%	45.08%

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.



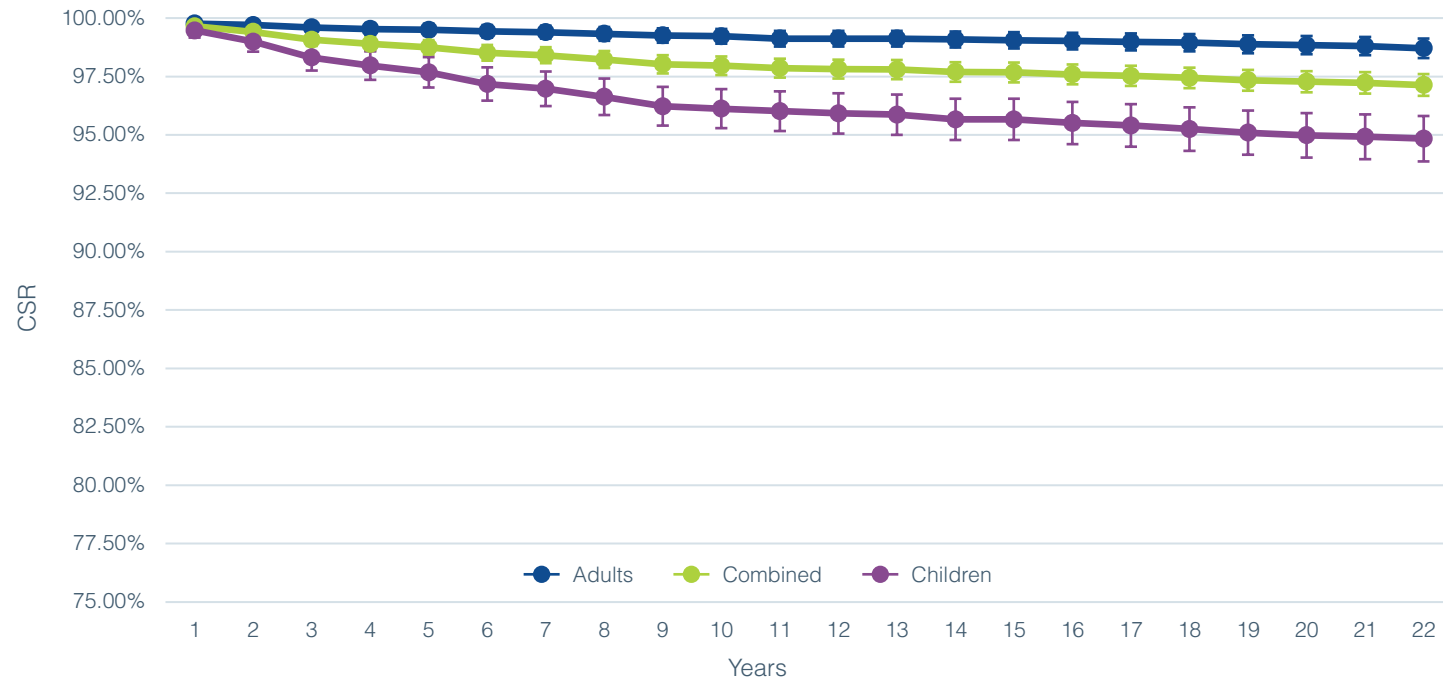
## Number of registered CII implants

As of April 1, 2024.  
Last year of distribution: 2004.<sup>a</sup>

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	3017	2094	5111 <sup>b</sup>
ANSI/AAMI CI86	3394 <sup>c</sup>	1717	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



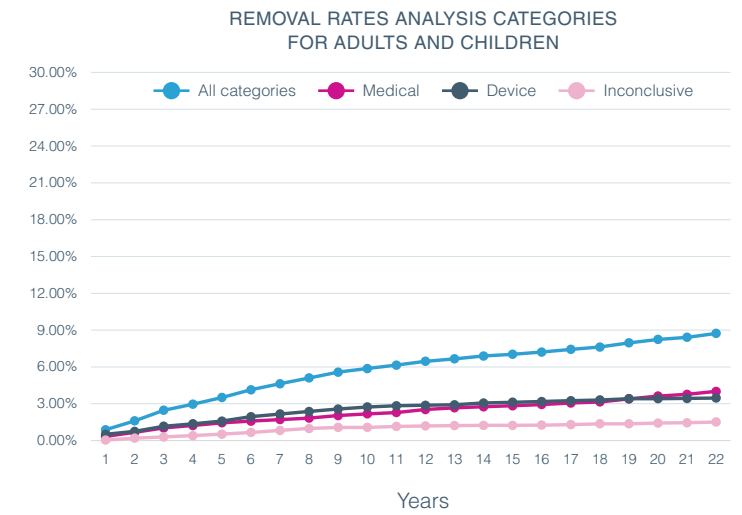
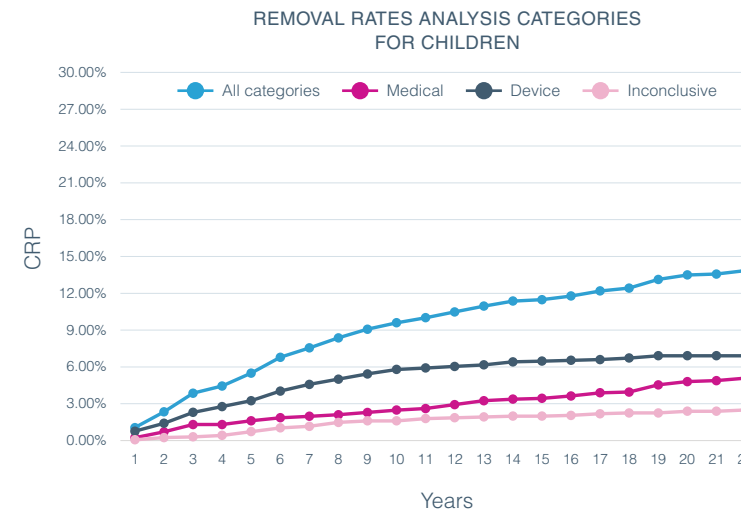
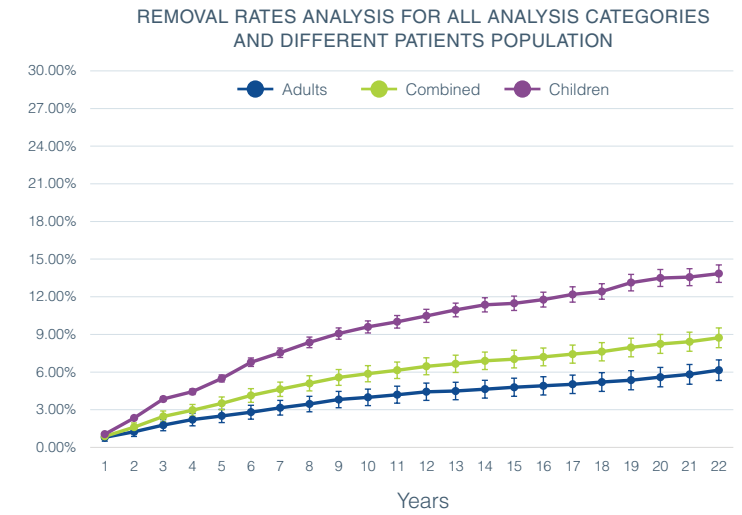
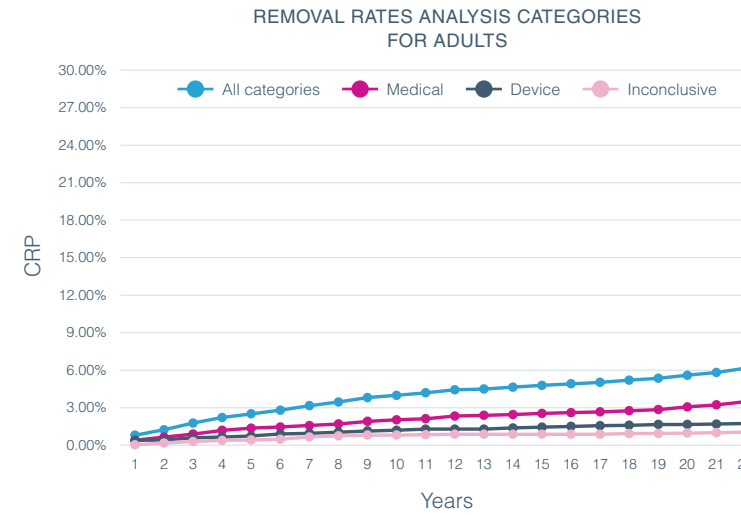
### CUMULATIVE SURVIVAL RATE

Years in use	1	2	3	4	5	6	7	8	9	10	11
ADULTS	99.77%	99.70%	99.60%	99.53%	99.50%	99.43%	99.40%	99.33%	99.26%	99.22%	99.12%
COMBINED	99.65%	99.41%	99.07%	98.89%	98.75%	98.51%	98.41%	98.23%	98.02%	97.96%	97.86%
CHILDREN	99.47%	98.99%	98.31%	97.97%	97.67%	97.18%	96.98%	96.63%	96.22%	96.12%	96.02%

Years in use	12	13	14	15	16	17	18	19	20	21	22
ADULTS	99.12%	99.12%	99.09%	99.05%	99.02%	98.98%	98.95%	98.88%	98.84%	98.81%	98.71%
COMBINED	97.82%	97.80%	97.69%	97.67%	97.59%	97.53%	97.44%	97.34%	97.27%	97.23%	97.14%
CHILDREN	95.92%	95.87%	95.66%	95.66%	95.51%	95.40%	95.25%	95.09%	94.98%	94.92%	94.84%

# ANSI/AAMI CI86



### COMBINED ADULTS AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
					CI Higher	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%	6.52%	5.22%
11	2.28%	2.83%	1.15%	6.15%	6.81%	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%	3.25%	1.30%	7.43%	8.15%	6.71%
18	3.14%	3.31%	1.36%	7.63%	8.35%	6.90%
19	3.39%	3.41%	1.36%	7.96%	8.71%	7.22%
20	3.63%	3.41%	1.43%	8.24%	9.00%	7.49%
21	3.76%	3.43%	1.45%	8.42%	9.18%	7.65%
22	4.01%	3.46%	1.51%	8.74%	9.52%	7.95%

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.



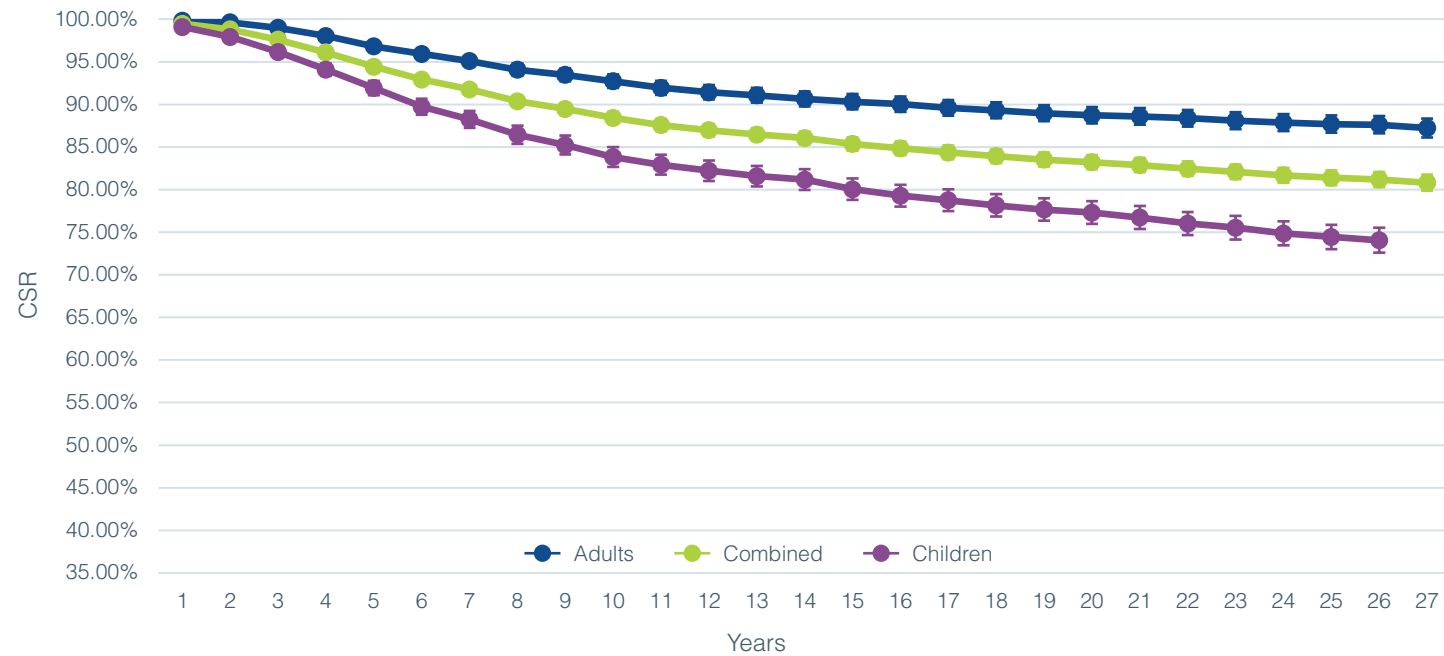
## Number of registered C1.2 implants

As of April 1, 2024.  
Last year of distribution: 2004.<sup>a</sup>

STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	4330	4155	8485 <sup>b</sup>
ANSI/AAMI CI86	4964 <sup>c</sup>	3521	8484

- 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 RATE

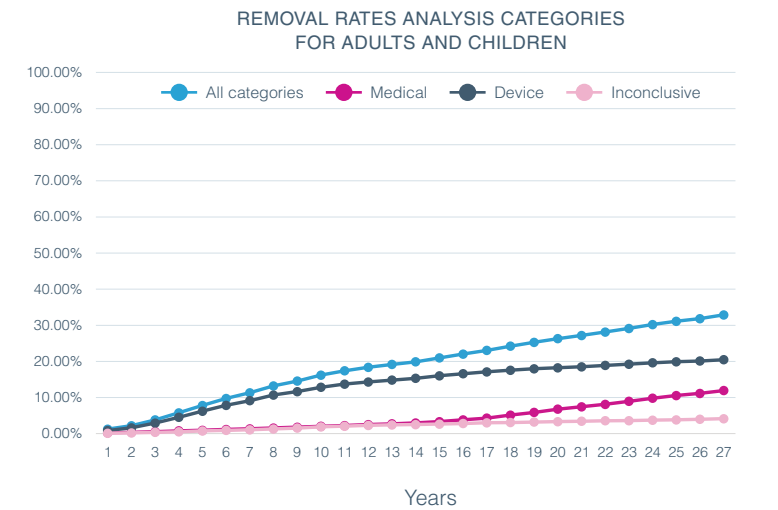
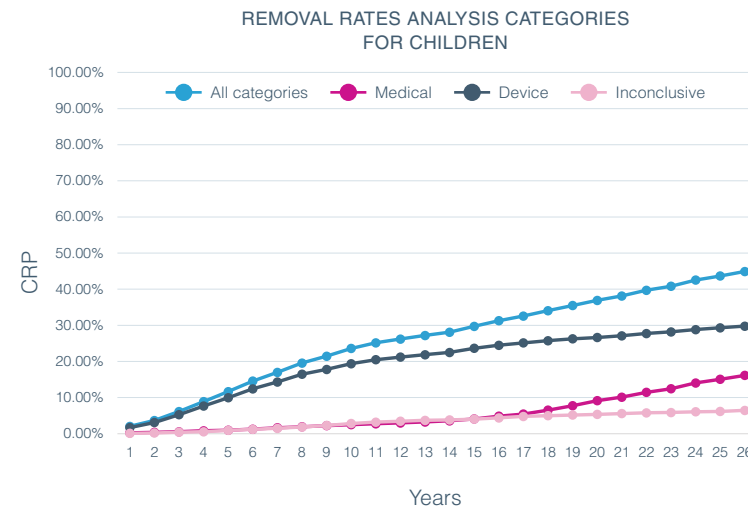
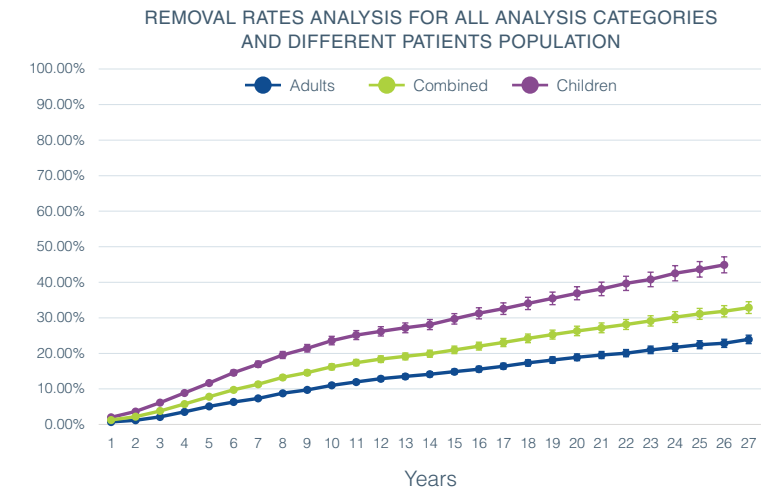
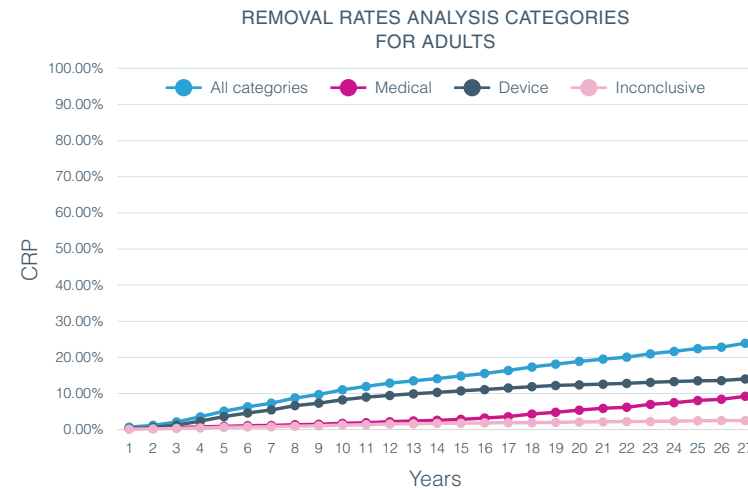
Years in use	1	2	3	4	5	6	7	8	9	10	11	12	13
ADULTS	99.84%	99.63%	99.00%	98.03%	96.82%	95.94%	95.08%	94.08%	93.47%	92.72%	91.95%	91.43%	91.06%
COMBINED	99.47%	98.80%	97.61%	96.11%	94.44%	92.92%	91.76%	90.37%	89.47%	88.41%	87.57%	86.97%	86.47%
CHILDREN	99.08%	97.93%	96.15%	94.08%	91.93%	89.73%	88.25%	86.45%	85.22%	83.83%	82.92%	82.22%	81.58%

Years in use	14	15	16	17	18	19	20	21	22	23	24	25	26	26
ADULTS	90.65%	90.32%	90.03%	89.60%	89.30%	88.97%	88.72%	88.59%	88.38%	88.10%	87.88%	87.69%	87.62%	87.24%
COMBINED	86.06%	85.36%	84.85%	84.37%	83.93%	83.52%	83.22%	82.89%	82.46%	82.09%	81.67%	81.39%	81.19%	80.82%
CHILDREN	81.17%	80.04%	79.29%	78.76%	78.15%	77.66%	77.30%	76.72%	76.02%	75.53%	74.86%	74.44%	74.06%	N/A*

\*Sample size is not large enough for reporting

# ANSI/AAMI CI86



## COMBINED ADULTS AND CHILDREN

Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total CI Higher	Total CI Lower
1	0.26%	0.86%	0.13%	1.25%	1.49%	1.01%
2	0.38%	1.63%	0.21%	2.21%	2.52%	1.90%
3	0.55%	2.92%	0.36%	3.80%	4.21%	3.39%
4	0.79%	4.53%	0.51%	5.76%	6.26%	5.27%
5	0.94%	6.23%	0.75%	7.81%	8.39%	7.24%
6	1.16%	7.84%	0.92%	9.75%	10.38%	9.11%
7	1.34%	9.13%	1.08%	11.32%	12.00%	10.65%
8	1.57%	10.69%	1.29%	13.24%	13.96%	12.51%
9	1.79%	11.64%	1.54%	14.57%	15.32%	13.81%
10	2.04%	12.84%	1.88%	16.22%	17.01%	15.43%
11	2.24%	13.73%	2.07%	17.41%	18.22%	16.60%
12	2.51%	14.31%	2.30%	18.38%	19.21%	17.55%
13	2.73%	14.84%	2.42%	19.16%	20.01%	18.32%
14	2.96%	15.32%	2.52%	19.90%	20.75%	19.04%
15	3.33%	16.04%	2.65%	20.98%	21.86%	20.11%
16	3.83%	16.59%	2.82%	22.05%	22.94%	21.16%
17	4.30%	17.11%	3.02%	23.06%	23.97%	22.16%
18	5.14%	17.57%	3.09%	24.23%	25.15%	23.31%
19	5.89%	17.97%	3.22%	25.28%	26.21%	24.35%
20	6.78%	18.24%	3.33%	26.32%	27.26%	25.37%
21	7.45%	18.52%	3.44%	27.19%	28.15%	26.24%
22	8.11%	18.89%	3.58%	28.14%	29.11%	27.17%
23	8.96%	19.24%	3.61%	29.13%	30.11%	28.15%
24	9.82%	19.61%	3.74%	30.22%	31.22%	29.22%
25	10.56%	19.92%	3.83%	31.12%	32.14%	30.10%
26	11.14%	20.12%	3.98%	31.84%	32.90%	30.78%
27	11.94%	20.48%	4.15%	32.88%	34.03%	31.73%

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 April 1, 2024.  
Last year of distribution: 1997.<sup>a</sup>

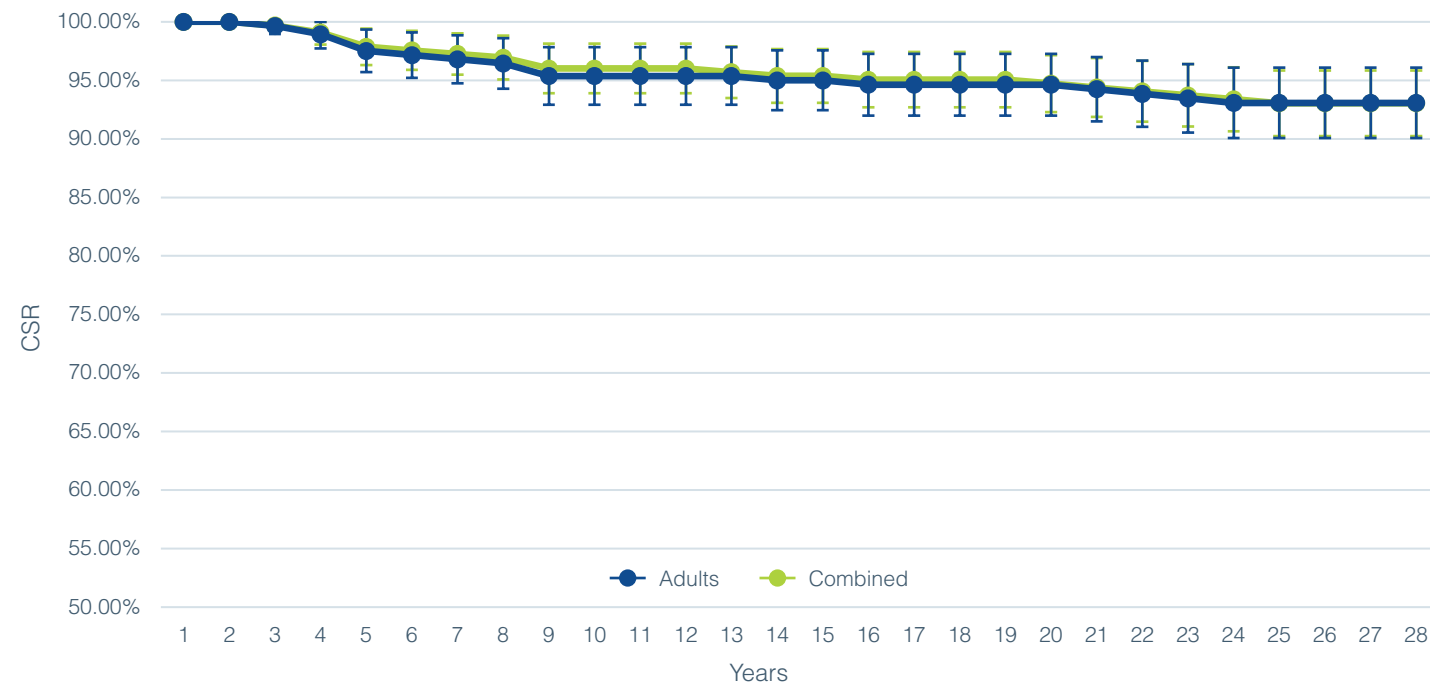
STANDARD	ADULTS	CHILDREN	COMBINED
ISO 5841-2:2014	294 <sup>c</sup>	50	344 <sup>b</sup>
ANSI/AAMI CI86	–	–	–

- 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.

# 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.

## ISO 5841-2:2014



## CUMULATIVE SURVIVAL RATE

Years in use	1	2	3	4	5	6	7	8	9	10	11	12	13	14
ADULTS	100.00%	100.00%	99.65%	98.94%	97.52%	97.16%	96.81%	96.45%	95.37%	95.37%	95.37%	95.37%	95.37%	95.00%
COMBINED	100.00%	100.00%	99.70%	99.09%	97.87%	97.56%	97.25%	96.94%	96.02%	96.02%	96.02%	96.02%	95.70%	95.38%

Years in use	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ADULTS	95.00%	94.63%	94.63%	94.63%	94.63%	94.63%	94.24%	93.86%	93.47%	93.08%	93.08%	93.08%	93.08%	93.08%
COMBINED	95.38%	95.05%	95.05%	95.05%	95.05%	94.72%	94.39%	94.06%	93.72%	93.38%	93.04%	93.04%	93.04%	93.04%



## 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.

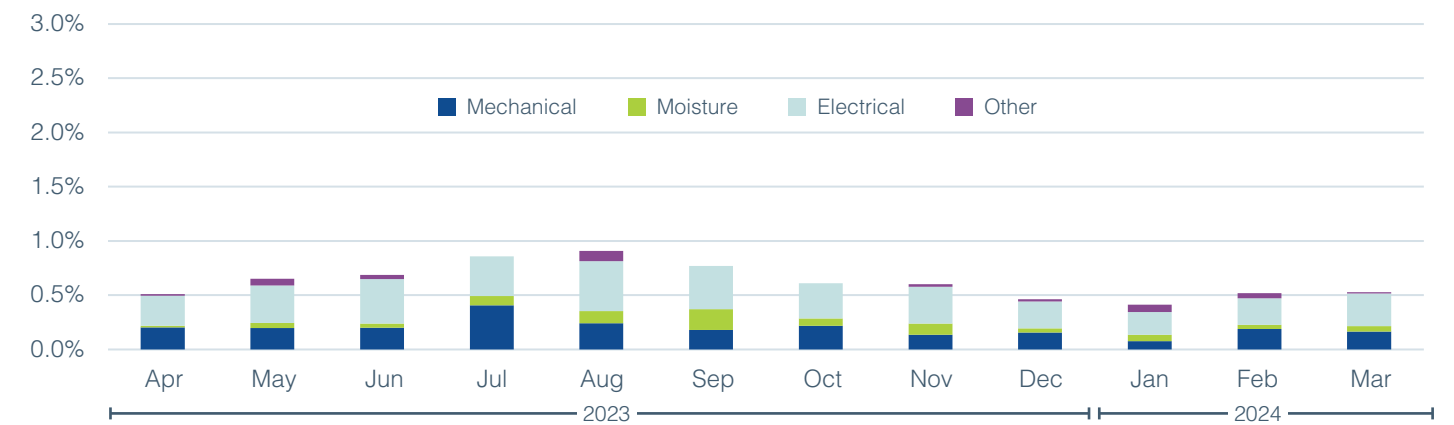
Where possible, this monthly data is further categorized into failure mechanisms, if known, to include mechanical, electronic, moisture damage, and other. Processors that meet all specifications are included and they are classified as no fault found. Where available, the number of registered users is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



## NAÍDA CI MARVEL AND SKY CI MARVEL

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: 99.38%<sup>a</sup>**



FAILED COMPONENT RETURN RATE<sup>b</sup>

Cause	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024
MECHANICAL	0.20%	0.20%	0.20%	0.41%	0.24%	0.18%	0.22%	0.14%	0.15%	0.08%	0.19%	0.16%
MOISTURE	0.01%	0.05%	0.04%	0.09%	0.11%	0.19%	0.07%	0.10%	0.04%	0.06%	0.04%	0.05%
ELECTRICAL	0.28%	0.35%	0.41%	0.36%	0.46%	0.40%	0.33%	0.34%	0.25%	0.21%	0.25%	0.30%
OTHER	0.01%	0.06%	0.04%	0.00%	0.09%	0.00%	0.00%	0.03%	0.02%	0.07%	0.05%	0.01%

a. Reliability is 1 minus the return rate. The return rate is the average global monthly return rate between April 2023 and March 2024.

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

MARVEL CI

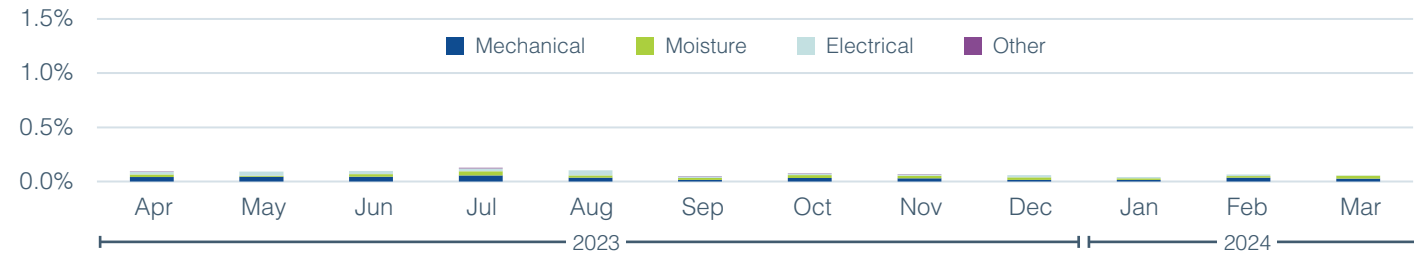


# NAÍDA CI Q SERIES

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: 99.93%<sup>a</sup>**



FAILED COMPONENT RETURN RATE<sup>b</sup>

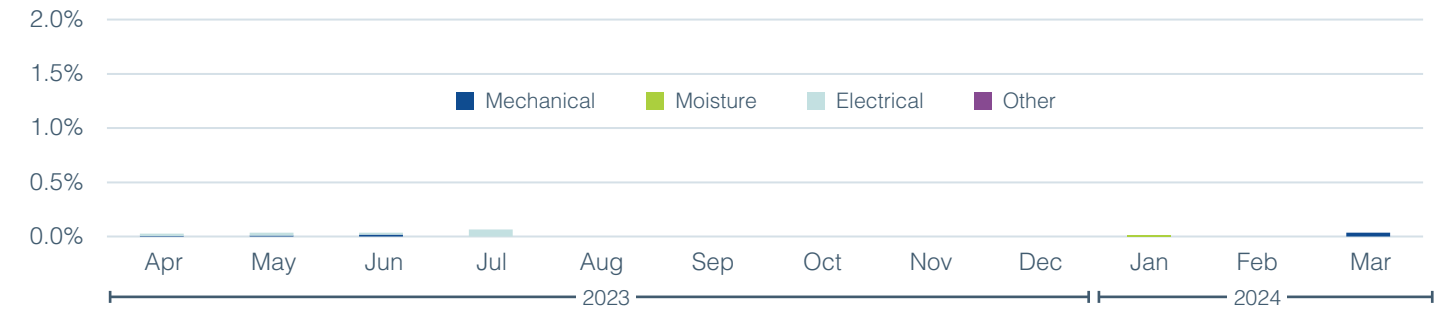
Cause	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jun 2024	Feb 2024	Mar 2024
MECHANICAL	0.04%	0.04%	0.05%	0.06%	0.04%	0.02%	0.03%	0.03%	0.02%	0.01%	0.03%	0.03%
MOISTURE	0.02%	0.01%	0.02%	0.04%	0.02%	0.02%	0.03%	0.02%	0.02%	0.01%	0.02%	0.03%
ELECTRICAL	0.03%	0.04%	0.03%	0.03%	0.05%	0.01%	0.01%	0.01%	0.02%	0.01%	0.01%	0.00%
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%

# NEPTUNE

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



**RELIABILITY: 99.98%<sup>a</sup>**



FAILED COMPONENT RETURN RATE<sup>b</sup>

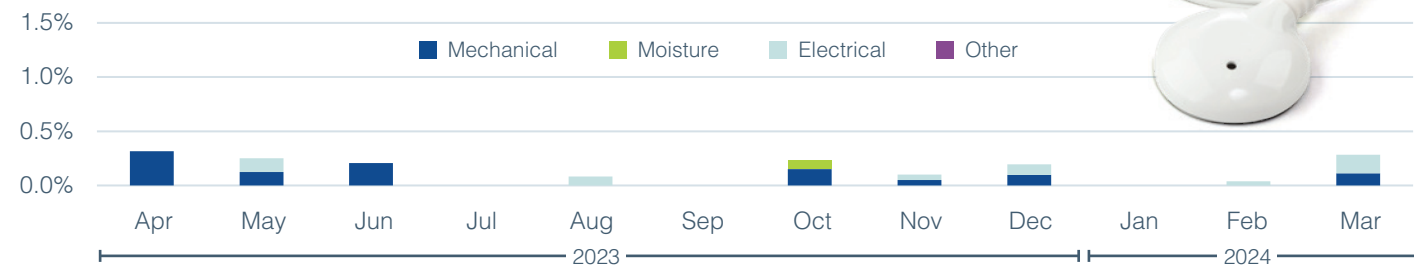
Cause	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jun 2024	Feb 2024	Mar 2024
MECHANICAL	0.01%	0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%
MOISTURE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
ELECTRICAL	0.02%	0.03%	0.02%	0.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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%

# 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: 99.83%<sup>a</sup>**



FAILED COMPONENT RETURN RATE<sup>b</sup>

Cause	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jun 2024	Feb 2024	Mar 2024
MECHANICAL	0.32%	0.13%	0.21%	0.00%	0.00%	0.00%	0.15%	0.05%	0.10%	0.00%	0.00%	0.11%
MOISTURE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%
ELECTRICAL	0.00%	0.13%	0.00%	0.00%	0.08%	0.00%	0.00%	0.05%	0.10%	0.00%	0.04%	0.17%
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 between April 2023 and March 2024.  
 b. The number per month represent the unit that complete failure analysis in that month.

a. Reliability is 1 minus the return rate. The return rate is the average global monthly return rate between April 2023 and March 2024.  
 b. The number per month represent the unit that complete failure analysis in that month.

## HIRES ULTRA 3D V2

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
						CI Higher	CI Lower
ADULTS	1	0.78%	0.00%	0.01%	0.79%	0.92%	0.67%
	1.5	0.92%	0.02%	0.02%	0.96%	1.09%	0.82%
	2	1.12%	0.03%	0.02%	1.16%	1.32%	1.00%
	2.5	1.21%	0.03%	0.02%	1.26%	1.43%	1.08%
	3	1.32%	0.03%	0.03%	1.38%	1.58%	1.18%
	3.5	1.35%	0.03%	0.03%	1.41%	1.61%	1.20%
CHILDREN	4	1.35%	0.03%	0.03%	1.41%	1.61%	1.20%
	1	0.56%	0.06%	0.00%	0.63%	0.84%	0.41%
	1.5	0.67%	0.14%	0.00%	0.81%	1.06%	0.56%
	2	0.83%	0.14%	0.00%	0.96%	1.25%	0.68%
	2.5	0.98%	0.22%	0.00%	1.20%	1.54%	0.86%
	3	0.98%	0.22%	0.00%	1.20%	1.54%	0.86%
3.5	1.21%	0.50%	0.12%	1.82%	2.43%	1.22%	
4 <sup>a</sup>	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%	0.48%	0.13%
	1.5	0.37%	0.00%	0.00%	0.37%	0.57%	0.18%
	2	0.46%	0.00%	0.00%	0.46%	0.69%	0.23%
	2.5	0.52%	0.00%	0.00%	0.52%	0.77%	0.26%
	3	0.60%	0.00%	0.00%	0.60%	0.89%	0.30%
	3.5	0.60%	0.00%	0.00%	0.60%	0.89%	0.30%
CHILDREN	1	0.22%	0.04%	0.00%	0.26%	0.40%	0.12%
	1.5	0.22%	0.07%	0.00%	0.29%	0.44%	0.14%
	2	0.22%	0.11%	0.00%	0.33%	0.50%	0.16%
	2.5	0.22%	0.11%	0.00%	0.33%	0.50%	0.16%
	3	0.22%	0.11%	0.00%	0.33%	0.50%	0.16%
	3.5 <sup>a</sup>	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%	1.09%	1.37%	0.81%
	1.5	1.38%	0.71%	0.10%	2.18%	2.57%	1.78%
	2	1.72%	2.41%	0.18%	4.26%	4.81%	3.71%
	2.5	2.08%	5.07%	0.20%	7.23%	7.93%	6.53%
	3	2.39%	8.25%	0.22%	10.64%	11.48%	9.80%
	3.5	2.65%	12.36%	0.28%	14.93%	15.90%	13.96%
	4	2.84%	15.89%	0.33%	18.54%	19.60%	17.48%
	4.5	3.04%	18.95%	0.36%	21.69%	22.82%	20.56%
	5	3.23%	20.89%	0.36%	23.72%	24.93%	22.51%
	5.5	3.42%	22.83%	0.36%	25.75%	26.96%	24.46%
CHILDREN	1	1.11%	0.49%	0.00%	1.59%	2.24%	0.95%
	1.5	1.60%	2.17%	0.00%	3.74%	4.72%	2.76%
	2	2.04%	7.49%	0.15%	9.51%	11.03%	8.00%
	2.5	2.75%	13.04%	0.15%	15.56%	17.44%	13.68%
	3	3.94%	19.35%	0.15%	22.65%	24.82%	20.47%
	3.5	4.13%	25.17%	0.25%	28.43%	30.78%	26.08%
	4	4.63%	31.35%	0.25%	34.69%	37.17%	29.59%
	4.5	5.68%	35.46%	0.25%	39.28%	41.84%	32.21%
	5 <sup>a</sup>	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	0.78%	0.02%	0.02%	0.83%	1.02%	0.64%
	1.5	1.04%	0.09%	0.02%	1.15%	1.38%	0.93%
	2	1.31%	0.44%	0.05%	1.78%	2.06%	1.50%
	2.5	1.59%	1.41%	0.08%	3.06%	3.42%	2.69%
	3	1.76%	3.26%	0.11%	5.06%	5.52%	4.59%
	3.5	1.90%	5.99%	0.15%	7.92%	8.49%	7.35%
	4	1.98%	9.16%	0.16%	11.10%	11.77%	10.43%
	4.5	2.06%	12.32%	0.19%	14.29%	15.03%	13.54%
	5	2.17%	15.66%	0.20%	17.65%	18.48%	16.83%
	5.5	2.28%	18.90%	0.24%	20.94%	21.83%	20.04%
CHILDREN	6	2.38%	21.36%	0.26%	23.43%	24.39%	22.47%
	6.5	2.53%	23.84%	0.26%	25.96%	27.02%	24.90%
	7	2.69%	25.42%	0.26%	27.61%	28.79%	26.44%
	1	0.56%	0.13%	0.00%	0.68%	0.94%	0.43%
	1.5	0.71%	0.48%	0.03%	1.21%	1.55%	0.87%
	2	0.81%	1.27%	0.05%	2.12%	2.57%	1.67%
	2.5	0.96%	3.01%	0.08%	4.02%	4.63%	3.41%
	3	1.07%	6.42%	0.10%	7.52%	8.34%	6.70%
	3.5	1.24%	10.92%	0.13%	12.14%	13.16%	11.12%
	4	1.56%	16.36%	0.13%	17.77%	18.97%	16.58%
4.5	1.66%	21.26%	0.20%	22.72%	24.04%	21.41%	
5	1.84%	25.45%	0.20%	26.96%	28.40%	25.53%	
5.5	2.12%	30.29%	0.20%	31.90%	33.50%	30.30%	
6	2.28%	33.32%	0.28%	35.03%	36.76%	33.29%	
6.5	2.57%	35.40%	0.28%	37.23%	39.11%	35.35%	
7 <sup>a</sup>	N/A	N/A	N/A	N/A	N/A	N/A	

## HIRES 90K ADVANTAGE

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
						CI Higher	CI Lower
ADULTS	1	0.64%	0.06%	0.01%	0.72%	0.84%	0.61%
	2	1.10%	0.08%	0.02%	1.20%	1.35%	1.05%
	3	1.36%	0.13%	0.03%	1.52%	1.69%	1.35%
	4	1.64%	0.18%	0.03%	1.84%	2.03%	1.66%
	5	1.87%	0.19%	0.04%	2.10%	2.30%	1.90%
	6	2.01%	0.23%	0.05%	2.28%	2.49%	2.07%
	7	2.14%	0.24%	0.05%	2.43%	2.64%	2.21%
	8	2.30%	0.26%	0.06%	2.61%	2.84%	2.39%
	9	2.39%	0.32%	0.07%	2.77%	3.01%	2.53%
	10	2.49%	0.32%	0.10%	2.90%	3.16%	2.65%
	11	2.60%	0.32%	0.10%	3.02%	3.30%	2.73%
CHILDREN	1	0.72%	0.19%	0.02%	0.93%	1.06%	0.80%
	2	1.03%	0.35%	0.04%	1.42%	1.58%	1.27%
	3	1.27%	0.54%	0.04%	1.85%	2.03%	1.67%
	4	1.50%	0.69%	0.07%	2.25%	2.45%	2.05%
	5	1.63%	0.84%	0.11%	2.56%	2.78%	2.35%
	6	1.78%	0.97%	0.11%	2.84%	3.07%	2.60%
	7	1.88%	1.08%	0.13%	3.07%	3.31%	2.82%
	8	2.02%	1.23%	0.14%	3.36%	3.63%	3.09%
	9	2.06%	1.34%	0.18%	3.55%	3.84%	3.27%
	10	2.17%	1.48%	0.18%	3.79%	4.11%	3.46%
	11	2.30%	1.48%	0.25%	3.98%	4.37%	3.59%

# HIRES 90K vendor A post-mod

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
						CI Higher	CI Lower
ADULTS	1	0.77%	0.07%	0.01%	0.85%	0.94%	0.76%
	2	1.28%	0.11%	0.04%	1.43%	1.54%	1.31%
	3	1.58%	0.17%	0.06%	1.80%	1.93%	1.67%
	4	1.85%	0.24%	0.08%	2.16%	2.31%	2.02%
	5	2.08%	0.28%	0.09%	2.44%	2.59%	2.29%
	6	2.24%	0.34%	0.10%	2.67%	2.83%	2.51%
	7	2.38%	0.36%	0.11%	2.84%	3.00%	2.67%
	8	2.53%	0.42%	0.12%	3.05%	3.23%	2.88%
	9	2.63%	0.47%	0.12%	3.21%	3.39%	3.04%
	10	2.74%	0.52%	0.15%	3.38%	3.57%	3.20%
	11	2.86%	0.55%	0.15%	3.53%	3.72%	3.34%
	12	2.96%	0.56%	0.15%	3.65%	3.85%	3.45%
	13	3.08%	0.59%	0.16%	3.81%	4.01%	3.60%
	14	3.23%	0.61%	0.17%	3.99%	4.21%	3.77%
	15	3.38%	0.62%	0.17%	4.14%	4.37%	3.91%
	16	3.48%	0.65%	0.17%	4.28%	4.52%	4.03%
	17	3.64%	0.73%	0.17%	4.51%	4.79%	4.23%
	18	3.80%	0.78%	0.17%	4.71%	5.04%	4.39%
CHILDREN	1	0.78%	0.19%	0.03%	1.00%	1.10%	0.90%
	2	1.11%	0.45%	0.04%	1.59%	1.71%	1.47%
	3	1.36%	0.72%	0.06%	2.12%	2.26%	1.98%
	4	1.56%	0.96%	0.08%	2.58%	2.73%	2.43%
	5	1.73%	1.17%	0.11%	2.98%	3.15%	2.82%
	6	1.86%	1.34%	0.12%	3.28%	3.46%	3.11%
	7	1.96%	1.46%	0.13%	3.53%	3.71%	3.34%
	8	2.05%	1.62%	0.16%	3.79%	3.98%	3.60%
	9	2.14%	1.71%	0.18%	3.99%	4.19%	3.79%
	10	2.30%	1.85%	0.21%	4.31%	4.52%	4.10%
	11	2.42%	1.87%	0.23%	4.47%	4.69%	4.25%
	12	2.63%	1.95%	0.27%	4.79%	5.03%	4.55%
	13	2.78%	1.98%	0.27%	4.97%	5.22%	4.71%
	14	2.88%	2.04%	0.28%	5.13%	5.40%	4.86%
	15	3.00%	2.08%	0.33%	5.33%	5.62%	5.05%
	16	3.12%	2.23%	0.37%	5.63%	5.96%	5.31%
	17	3.22%	2.26%	0.37%	5.77%	6.11%	5.42%
	18	3.44%	2.26%	0.45%	6.05%	6.50%	5.61%

# HIRES 90K vendor A all

	Year	Medical CRP	Device CRP	Inconclusive CRP	Total All Categories	Total	
						CI Higher	CI Lower
ADULTS	1	0.77%	0.08%	0.01%	0.86%	0.95%	0.77%
	2	1.27%	0.14%	0.05%	1.45%	1.57%	1.34%
	3	1.57%	0.20%	0.08%	1.85%	1.97%	1.72%
	4	1.84%	0.31%	0.09%	2.24%	2.38%	2.09%
	5	2.07%	0.36%	0.11%	2.53%	2.68%	2.38%
	6	2.22%	0.44%	0.13%	2.77%	2.93%	2.61%
	7	2.37%	0.47%	0.14%	2.96%	3.12%	2.79%
	8	2.52%	0.55%	0.14%	3.19%	3.36%	3.02%
	9	2.62%	0.64%	0.15%	3.38%	3.56%	3.21%
	10	2.73%	0.70%	0.17%	3.58%	3.76%	3.39%
	11	2.84%	0.76%	0.17%	3.75%	3.94%	3.56%
	12	2.96%	0.81%	0.18%	3.92%	4.12%	3.72%
	13	3.08%	0.86%	0.19%	4.09%	4.30%	3.88%
	14	3.25%	0.92%	0.20%	4.34%	4.56%	4.11%
	15	3.38%	0.96%	0.20%	4.50%	4.74%	4.27%
	16	3.49%	1.01%	0.20%	4.66%	4.90%	4.41%
	17	3.64%	1.13%	0.22%	4.94%	5.22%	4.66%
	18	3.76%	1.24%	0.22%	5.16%	5.48%	4.85%
	19	3.76%	1.33%	0.22%	5.25%	5.59%	4.92%
	20	3.92%	1.41%	0.22%	5.48%	5.90%	5.06%
CHILDREN	1	0.79%	0.21%	0.03%	1.02%	1.12%	0.93%
	2	1.11%	0.47%	0.04%	1.62%	1.74%	1.50%
	3	1.37%	0.75%	0.06%	2.17%	2.31%	2.03%
	4	1.58%	1.00%	0.08%	2.65%	2.80%	2.49%
	5	1.74%	1.23%	0.11%	3.06%	3.23%	2.90%
	6	1.87%	1.41%	0.13%	3.38%	3.56%	3.21%
	7	1.99%	1.56%	0.14%	3.66%	3.84%	3.47%
	8	2.09%	1.73%	0.17%	3.96%	4.15%	3.76%
	9	2.18%	1.84%	0.20%	4.16%	4.36%	3.96%
	10	2.34%	1.99%	0.23%	4.50%	4.72%	4.29%
	11	2.47%	2.03%	0.25%	4.69%	4.91%	4.47%
	12	2.67%	2.16%	0.29%	5.05%	5.29%	4.80%
	13	2.81%	2.22%	0.29%	5.24%	5.50%	4.98%
	14	2.90%	2.35%	0.30%	5.47%	5.74%	5.19%
	15	3.03%	2.44%	0.34%	5.72%	6.02%	5.43%
	16	3.14%	2.66%	0.38%	6.07%	6.40%	5.74%
	17	3.22%	2.74%	0.38%	6.23%	6.58%	5.87%
	18	3.41%	2.83%	0.43%	6.55%	6.97%	6.12%
	19	3.76%	3.19%	0.43%	7.22%	7.85%	6.59%
	20 <sup>a</sup>	N/A	N/A	N/A	N/A	N/A	N/A

# 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	2.52%	5.00%	0.81%	8.14%	9.46%	6.82%
	12	2.78%	5.44%	0.81%	8.81%	10.17%	7.44%
	13	2.84%	5.69%	0.87%	9.17%	10.56%	7.78%
	14	3.17%	6.13%	0.87%	9.90%	11.33%	8.46%
	15	3.23%	6.32%	0.87%	10.14%	11.59%	8.68%
	16	3.37%	6.44%	0.87%	10.38%	11.85%	8.91%
	17	3.50%	6.70%	0.94%	10.81%	12.30%	9.31%
	18	3.56%	6.89%	0.94%	11.05%	12.56%	9.54%
	19	3.56%	6.95%	0.94%	11.11%	12.62%	9.60%
	20	3.73%	7.03%	0.94%	11.34%	12.88%	9.81%
CHILDREN	1	1.25%	0.79%	0.00%	2.03%	2.96%	1.10%
	2	1.47%	1.37%	0.12%	2.94%	4.05%	1.82%
	3	2.05%	2.18%	0.23%	4.41%	5.76%	3.06%
	4	2.40%	3.11%	0.23%	5.66%	7.18%	4.14%
	5	2.52%	3.93%	0.35%	6.68%	8.33%	5.03%
	6	2.64%	4.75%	0.48%	7.70%	9.46%	5.94%
	7	3.12%	5.57%	0.72%	9.18%	11.08%	7.27%
	8	3.73%	6.52%	0.72%	10.65%	12.69%	8.29%
	9	3.73%	6.87%	0.72%	10.99%	13.06%	8.93%
	10	3.85%	7.47%	0.85%	11.79%	13.92%	9.66%
	11	4.23%	7.83%	0.98%	12.59%	14.78%	10.40%
	12	4.23%	8.79%	0.98%	13.50%	15.75%	11.24%
	13	4.23%	9.15%	0.98%	13.84%	16.12%	11.56%
	14	4.23%	9.99%	0.98%	14.64%	16.97%	12.31%
	15	4.48%	10.47%	0.98%	15.32%	17.70%	12.95%
	16	4.48%	11.08%	0.98%	15.89%	18.31%	13.48%
	17	4.48%	11.32%	0.98%	16.12%	18.55%	13.69%
	18	4.62%	11.56%	0.98%	16.47%	18.92%	14.02%
	19	5.01%	12.05%	0.98%	17.28%	19.78%	14.78%
	20 <sup>a</sup>	N/A	N/A	N/A	N/A	N/A	N/A

# 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%	20.72%	0.18%	22.32%	23.94%	20.70%
	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	2.64%	34.54%	0.23%	36.41%	38.28%	34.54%
	11	2.64%	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	3.09%	40.31%	0.23%	42.29%	44.21%	40.36%
	18	3.09%	40.80%	0.23%	42.76%	44.70%	40.82%
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%	19.82%	0.07%	21.13%	23.20%	19.06%
	4	1.55%	25.84%	0.07%	27.05%	29.30%	24.79%
	5	1.93%	30.51%	0.17%	31.97%	34.34%	29.60%
	6	2.13%	34.44%	0.17%	35.95%	38.39%	33.51%
	7	2.13%	37.69%	0.17%	39.12%	41.60%	36.64%
	8	2.35%	40.32%	0.17%	41.82%	44.33%	39.32%
	9	2.47%	42.68%	0.17%	44.19%	46.72%	41.67%
	10	2.47%	44.35%	0.17%	45.82%	48.35%	43.28%
11	2.71%	45.47%	0.17%	47.04%	49.57%	44.50%	
12	3.09%	46.30%	0.43%	48.19%	50.73%	45.65%	
13	3.09%	47.85%	0.43%	49.68%	52.22%	47.13%	
14	3.22%	48.41%	0.56%	50.36%	52.90%	47.81%	
15	3.22%	49.33%	0.56%	51.24%	53.78%	48.70%	
16	3.22%	49.61%	0.70%	51.58%	54.12%	49.04%	
17	3.50%	50.34%	0.70%	52.42%	54.96%	49.87%	
18 <sup>a</sup>	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%	1.09%	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%	3.45%	4.07%	2.84%
	9	1.91%	1.14%	0.81%	3.81%	4.45%	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%	5.63%	4.18%
	17	2.67%	1.56%	0.87%	5.03%	5.76%	4.29%
	18	2.76%	1.60%	0.94%	5.20%	5.95%	4.46%
	19	2.85%	1.66%	0.94%	5.35%	6.11%	4.59%
	20	3.06%	1.66%	0.97%	5.59%	6.37%	4.82%
	21	3.23%	1.69%	1.00%	5.82%	6.61%	5.03%
	22	3.49%	1.73%	1.05%	6.15%	6.97%	5.33%
CHILDREN	1	0.23%	0.76%	0.06%	1.05%	1.53%	0.57%
	2	0.71%	1.41%	0.24%	2.33%	3.05%	1.62%
	3	1.30%	2.29%	0.30%	3.85%	4.77%	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%	7.55%	8.80%	6.29%
	8	2.10%	5.00%	1.47%	8.37%	9.68%	7.05%
	9	2.29%	5.43%	1.60%	9.07%	10.43%	7.71%
	10	2.48%	5.79%	1.60%	9.60%	11.00%	8.20%
	11	2.61%	5.91%	1.79%	10.01%	11.43%	8.59%
	12	2.93%	6.04%	1.86%	10.48%	11.93%	9.03%
	13	3.24%	6.16%	1.92%	10.95%	12.43%	9.47%
	14	3.37%	6.41%	1.99%	11.36%	12.87%	9.86%
	15	3.44%	6.47%	1.99%	11.48%	12.99%	9.97%
	16	3.63%	6.53%	2.05%	11.77%	13.30%	10.25%
	17	3.89%	6.60%	2.18%	12.19%	13.74%	10.63%
	18	3.95%	6.72%	2.25%	12.42%	13.99%	10.86%
	19	4.53%	6.91%	2.25%	13.13%	14.73%	11.53%
	20	4.80%	6.91%	2.39%	13.50%	15.12%	11.87%
	21	4.88%	6.91%	2.39%	13.56%	15.19%	11.94%
	22	5.08%	6.91%	2.49%	13.85%	15.50%	12.19%

# 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%	0.47%
	2	0.38%	0.59%	0.22%	1.19%	1.49%	0.89%
	3	0.57%	1.26%	0.33%	2.14%	2.55%	1.74%
	4	0.78%	2.33%	0.49%	3.56%	4.08%	3.05%
	5	0.92%	3.60%	0.64%	5.11%	5.72%	4.49%
	6	1.09%	4.62%	0.73%	6.34%	7.03%	5.66%
	7	1.16%	5.49%	0.81%	7.34%	8.07%	6.61%
	8	1.36%	6.65%	0.94%	8.78%	9.57%	7.99%
	9	1.51%	7.34%	1.08%	9.72%	10.55%	8.89%
	10	1.76%	8.26%	1.28%	11.03%	11.90%	10.15%
	11	1.92%	9.00%	1.37%	11.96%	12.87%	11.06%
	12	2.21%	9.49%	1.58%	12.88%	13.82%	11.95%
	13	2.40%	9.93%	1.62%	13.52%	14.47%	12.56%
	14	2.58%	10.32%	1.72%	14.13%	15.11%	13.16%
	15	2.86%	10.74%	1.79%	14.85%	15.84%	13.85%
	16	3.21%	11.11%	1.86%	15.57%	16.58%	14.55%
	17	3.61%	11.54%	1.93%	16.39%	17.42%	15.35%
	18	4.33%	11.89%	1.93%	17.33%	18.39%	16.27%
	19	4.80%	12.22%	2.03%	18.13%	19.21%	17.05%
	20	5.40%	12.42%	2.10%	18.90%	19.99%	17.80%
	21	5.91%	12.60%	2.15%	19.54%	20.65%	18.43%
	22	6.21%	12.81%	2.26%	20.07%	21.19%	18.95%
	23	6.98%	13.10%	2.26%	20.99%	22.14%	19.85%
	24	7.47%	13.32%	2.35%	21.68%	22.85%	20.52%
	25	8.07%	13.53%	2.44%	22.44%	23.64%	21.25%
	26	8.40%	13.59%	2.51%	22.84%	24.07%	21.61%
	27	9.24%	14.04%	2.51%	23.94%	25.31%	22.57%
CHILDREN	1	0.23%	1.68%	0.11%	2.02%	2.49%	1.56%
	2	0.38%	3.09%	0.20%	3.65%	4.27%	3.03%
	3	0.53%	5.26%	0.41%	6.15%	6.94%	5.35%
	4	0.80%	7.65%	0.54%	8.88%	9.82%	7.94%
	5	0.96%	9.96%	0.92%	11.65%	12.72%	10.59%
	6	1.26%	12.41%	1.22%	14.57%	15.74%	13.40%
	7	1.63%	14.32%	1.49%	16.97%	18.22%	15.73%
	8	1.91%	16.45%	1.84%	19.56%	20.88%	18.24%
	9	2.23%	17.79%	2.27%	21.45%	22.82%	20.08%
	10	2.49%	19.38%	2.82%	23.60%	25.02%	22.19%
	11	2.75%	20.49%	3.19%	25.15%	26.60%	23.70%
	12	2.98%	21.21%	3.46%	26.20%	27.67%	24.74%
	13	3.25%	21.87%	3.69%	27.20%	28.68%	25.71%
	14	3.57%	22.50%	3.80%	28.10%	29.60%	26.61%
	15	4.08%	23.64%	4.04%	29.72%	31.25%	28.19%
	16	4.85%	24.48%	4.37%	31.28%	32.83%	29.73%
	17	5.43%	25.13%	4.78%	32.58%	34.14%	31.01%
	18	6.51%	25.76%	4.99%	34.06%	35.64%	32.47%
	19	7.74%	26.26%	5.17%	35.48%	37.08%	33.88%
	20	9.15%	26.64%	5.34%	36.92%	38.53%	35.30%
	21	10.11%	27.10%	5.57%	38.13%	39.75%	36.50%
	22	11.45%	27.74%	5.77%	39.70%	41.34%	38.06%
	23	12.45%	28.19%	5.87%	40.82%	42.47%	39.16%
	24	14.06%	28.82%	6.07%	42.54%	44.23%	40.85%
	25	15.07%	29.31%	6.16%	43.66%	45.39%	41.94%
	26	16.14%	29.76%	6.46%	44.90%	46.71%	43.10%
	27 <sup>a</sup>	N/A	N/A	N/A	N/A	N/A	N/A

## 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](mailto:hear@AdvancedBionics.com) or visit [AdvancedBionics.com](https://www.AdvancedBionics.com) for more general information.



**ADVANCED BIONICS LLC**

28515 Westinghouse Place  
Valencia, CA 91355, United States

T: +1.877.829.0026

T: +1.661.362.1400

F: +1.661.362.1500

*info.us@advancedbionics.com*

**ADVANCED BIONICS AG**

Laubisrütistrasse 28  
8712 Stäfa, Switzerland

T: +41.58.928.78.00

F: +41.58.928.78.90

*info.switzerland@advancedbionics.com*

For information on additional AB locations, please visit [advancedbionics.com/contact](https://www.advancedbionics.com/contact)

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