

Poster Exhibit #	Category	Abstract #	Title	Student Poster Competition	Primary Author
136	Basic Research	7	Anatomy-Based Frequency Allocation in Cochlear Implantation: The Importance of Cochlear Coverage		Isra Aljazeera
137	Basic Research	8	Various Approaches to the Round Window for Cochlear Implantation: A Systematic Review		Isra Aljazeera
48	Surgery/Medical	10	Expanding Understanding of Electrocochleography in Cochlear Implantation: Auditory Neuropathy Spectrum Disorder with Normal Pure Tone Average		Anna Buhle
49	Surgery/Medical	11	Various Surgical Approaches for Cochlear Implantation in an Ossified Cochlea: A Systematic Review		Isra Aljazeera
83	(Re)habilitation, Comprehensive Health Services, and Educational	14	Comprehension of CliticPronouns by Children withCochlear Implants		Talita Fortunato-Tavares
50	Surgery/Medical	15	Cochlear Implantation in Children with Mondini Dysplasia: Our Experience		Neeraj Suri
84	(Re)habilitation, Comprehensive Health Services, and Educational	17	Empowering Prelingually Deafened Cochlear Implant Recipients to Become Successful Audiologists	**	Priyanka Gupte
85	(Re)habilitation, Comprehensive Health Services, and Educational	18	Assessing post cochlear implantation Anxiety and corella ting it to socio demographic and clinical characteristics		Ihab Nada
86	(Re)habilitation, Comprehensive Health Services, and Educational	19	Adult Aural Rehabilitation		Saaleha Shamsi
1	Audiology	20	Cognitive functions and subjective evaluation of hearing in cochlear implant users		Fawen Zhang
51	Surgery/Medical	22	How Genetic or CMV diagnosis can aid CI candidacy		Torrey Fourrier
52	Surgery/Medical	28	anatomical variations of the crista fenestrum as it relates to cochlear implanation surgery		Ahmed Mehanna
53	Surgery/Medical	29	The misplaced cochlear implant electrode		Ahmed Mehanna
54	Surgery/Medical	31	Pediatric Cochlear Implants in the Chudley-McCullough Syndrome - A Case Series		Noah Alter
128	Technology	32	Influence of maximum power output on speech understanding with bone conduction hearing systems		Martin Kompis
87	(Re)habilitation, Comprehensive Health Services, and Educational	35	Language Development in Children with Bilateral Cochlear Implants Over Three Years in a Listening and Spoken Language Early Childhood Program		Monica Dorman
88	(Re)habilitation, Comprehensive Health Services, and Educational	36	Digital Inclusion for Cochlear Implant Recipients		Holly Teagle
2	Audiology	37	Cochlear implantation In Children With A Long Average Duration of Single Sided Deafness		Samantha Morgan
89	(Re)habilitation, Comprehensive Health Services, and Educational	39	Flower Power - Sowing The Seeds Of Parental Engagement Through Parent Workshops		Lisa Nash
117	Economics, Public Policy, and Practice Management	41	Audiology Practice Sustainability: Can an Efficient Cochlear Implant Habilitation Model Be Economically Viable and Sustain New Patient Growth?		Arun Joshi
3	Audiology	42	The effect of intracochlear electrode design on electrically evoked compound action potential growth and spread of excitation functions		Jeong-Seo Kim
4	Audiology	46	Candidacy for Cochlear Implantation: Optimizing Diagnostic Thresholds for a Novel Cochlear Implant Candidacy Calculator	**	Raymond So
129	Technology	48	Curiosity Cured the Cat: How a Ponto improved the life of a deaf feline		Jolie Fainberg
55	Surgery/Medical	49	Use of Electrocochleography During Cochlear Implant Insertion: Impact on Outcomes		Rivka Bornstein
5	Audiology	51	Remote Programming of Cochlear Implants: A Feasibility Study		Jessica Banh

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138	Basic Research	52	Effects of Cochlear Implant Processing on Emotional Responses to Nonspeech Sounds	**	Vaishnavi Moturi
90	(Re)habilitation, Comprehensive Health Services, and Educational	57	vocabulary development in children with cochlear implants: the role of music exposure and maternal musicality		Letizia Guerzoni
149	Audiology	58	The Degree of Hearing Loss Moderates the Benefit of Pre-operative Hearing Aid Use in Preserving Children's Auditory Cortex	**	Di Yuan
6	Audiology	59	Management of a Cochlear Implant User with Fluctuating Middle Ear Pressure Changes: A Case Study		Jordan Alyse Coffelt
56	Surgery/Medical	62	Round window visibility in CI, our experience		Saad Elzayat
57	Surgery/Medical	64	Preoperative Assessment of the Ct scan & Mri of the temporal bone in finding out the degree of difficulty in cochlear implant surgery		Sumit Mrig
7	Audiology	66	Event-Related Potentials of Single Sided Deaf Cochlear Implant Users - Using a Semantic Oddball Paradigm in Noise	**	Marcus Voola
91	(Re)habilitation, Comprehensive Health Services, and Educational	72	Language profile of Egyptian children using unilateral cochlear implants		Ahmed Abdelmonem
118	Economics, Public Policy, and Practice Management	73	Comparative effectiveness and cost-effectiveness of the Cochlear <sup>TM</sup> Osia 2 and Cochlear <sup>TM</sup> Baha Attract systems in patients with conductive or mixed hearing loss or		Dell Kingsford Smith
8	Audiology	74	Susceptibility to Postoperative Changes in Music Appreciation in Elderly Cochlear Implant Recipients		Jin Woong Choi
9	Audiology	75	Evaluating the need for routine follow up visits in the cochlear implant clinic via remote performance monitoring.		Dawn Marsiglia
58	Surgery/Medical	76	Management of facial nerve stimulation after cochlear implantation: A systematic review		Asma Alahmadi
92	(Re)habilitation, Comprehensive Health Services, and Educational	77	Outcomes of early cochlear implantation after stereotactic radiosurgery of vestibular schwannoma as a method to expedite hearing rehabilitation following tumor treatment		James Dornhoffer
93	(Re)habilitation, Comprehensive Health Services, and Educational	78	The Relationship between Audiologist-Patient Communication and Patient's Satisfaction with Service Provision in Cochlear Implant Recipients: A Pilot Study		Dania Rishiq
10	Audiology	83	Classifier-based Noise Management Technology Helps Children with Cochlear Implants Listen in Noise		Ursula Findlen
59	Surgery/Medical	84	Outcomes of cochlear implantation in syndromic hearing loss		Lukas Varga
11	Audiology	87	Hearing Outcomes Following Reimplantation of Functional Legacy Cochlear Implants		Nicole Ewer
12	Audiology	89	Parent Experience with a New Multi-Disciplinary Clinic for Cochlear Implant Candidates		Keri Colio
60	Surgery/Medical	92	1000 Implants In A Government Program In India- How Good Or Bad		ROHIT MEHROTRA
94	(Re)habilitation, Comprehensive Health Services, and Educational	93	Exploring the Use of Listening and Spoken Language Strategies in Caregiver-Child Interactions	**	Brynne Powell
61	Surgery/Medical	94	Cochlear Implantation in Patients with Congenital Cytomegalovirus Infection and Pilot Screening Study		Diana Ugorova
62	Surgery/Medical	95	Speech Perception Outcomes and Wear Time in Older Adult Cochlear Implant Recipients		Meghan Hiss
95	(Re)habilitation, Comprehensive Health Services, and Educational	96	Pediatric Sensorineural Hearing Loss: Improving Services for Children At-Risk for Future Developmental Delays		Sophie Sherman
13	Audiology	98	Comparison Of The Quality-Of-Life Benefit Received From Cochlear Implants And Hearing Aids Among Hearing-Impaired Adults		Punam Kumari
143	Miscellaneous	99	Cochlear implantation in post-lingual adults. A 25-year experience at King Abdullah Ear Specialist Center, Riyadh, Saudi Arabia		Isra Aljazeera

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119	Economics, Public Policy, and Practice Management	100	Does Time of Cochlear Implant Activation Influence Hearing Outcome?	**	Kayli Silverstein
120	Economics, Public Policy, and Practice Management	102	Hearing Together		Michelle Albera
96	(Re)habilitation, Comprehensive Health Services, and Educational	103	The Invisible Disability of Single Sided Deafness: Improving Hearing Quality of Life Through Group Aural Rehabilitation		Michelle Albera
14	Audiology	104	Comparing Cochlear Implant Audiological Mapping Parameters between Patients with Inner Ear Malformations to a Control Recipient Group		Ian Dorney
15	Audiology	106	Binaural Hearing in Bilateral Cochlear Implant Users		Fernanda Ferreira Caldas
16	Audiology	107	Vestibular Weakness in Cochlear Implant Recipients	**	Hannah Dunn
63	Surgery/Medical	108	Automatic Electrode Scalar Location Assessment after Cochlear Implantation using a Novel Imaging Software		Anil Patnala
144	Miscellaneous	110	Evolution Of Hearing & Its Future		Rohit Mehrotra
64	Surgery/Medical	111	Healthy Aging In Elderly Cochlear Implant Recipients: A Multinational Observational Study 		Sara Ghiselli
17	Audiology	116	Speech recognition benefits of matching the processing speeds of a cochlear implant and contralateral hearing aid		Margaret Richter
130	Technology	118	Cardioversion Induced Cochlear Implant Processor Damage		James Sullivan
97	(Re)habilitation, Comprehensive Health Services, and Educational	119	Sensory Processing and Intergration in Children with Cochlear Implants		Jolie Fainberg
98	(Re)habilitation, Comprehensive Health Services, and Educational	122	Hear and Sing: A research plan for the development and pilot study of a mobile game design using voice pitch to control game characters to improve pitch perception and music appreciation.		James Bilitski
99	(Re)habilitation, Comprehensive Health Services, and Educational	123	IMPROVED MUSIC PERCEPTION AFTER MUSIC THERAPY FOLLOWING COCHLEAR IMPLANTATION IN THE ELDERLY POPULATION		Astrid Magele
121	Economics, Public Policy, and Practice Management	126	Temporal trends in early pediatric cochlear implantations in California from 2018 to 2020		Rance Fujiwara
18	Audiology	127	The Audiological Outcome in Children and Adolescents affected by Single Sided-Deafness after Cochlear Implantation.		Astrid Magele
65	Surgery/Medical	128	Active Transcutaneous Bone Conduction Implants: experience of two generations of implants		Georg Sprinzl
66	Surgery/Medical	130	Long term hearing preservation in cochlear implant recipients		Georg Sprinzl
19	Audiology	131	Investigating Fitting of Bimodal Solutions in Children		Julia Reid
67	Surgery/Medical	140	Cochlear Implant Extrusion Due To Internal Magnet Allergy		Margherita Bettini
122	Economics, Public Policy, and Practice Management	141	Implementation of a cochlear implant program in a secondary care center		Magnus Teschner
20	Audiology	142	Anomaly Pattern of Trans-Impedance Matrix in Cochlear Implant		Erica Pizzol
21	Audiology	143	Performance with a new bone conduction implant audio processor in patients with single-sided deafness		Wilhelm Wimmer
68	Surgery/Medical	146	Influence of different imaging modalities on the functionality of an otological planning software		Franz-Tassilo Müller-Graff
100	(Re)habilitation, Comprehensive Health Services, and Educational	149	Positive Impact Of Automatic Noise Reduction Algorithms & Wireless Streaming On Speech, Language, & Voice In Cochlear Implantees		Smita Agrawal

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139	Basic Research	157	Evaluating the Synergistic Efficacy of Dexamethasone Eluting Electrode and a Novel Drug on Residual Hearing Preservation in a Preclinical Animal Model of Cochlear Implantation		Adrien Eshraghi
22	Audiology	159	Strategic Test for Analyzing Error Patterns for Mapping Manipulation		Ricky Chow
69	Surgery/Medical	160	Successful Audiological Outcomes with bilateral ABI in a patient with NF2	**	Madeline Gibson
23	Audiology	161	Influence of map settings assigned with behavioral versus objective measures on the monaural and binaural hearing of adult cochlear implant users with asymmetric hearing loss		Samantha Scharf
70	Surgery/Medical	164	A Review of Hearing Preservation and Outcomes with the Cochlear™ Nucleus® Slim Modiolar Electrodes		Robert Cullen
131	Technology	165	Swipe Right: Influence of Social Media for Children with Hearing Loss		Heather Wulff Tull
101	(Re)habilitation, Comprehensive Health Services, and Educational	166	Determining Placement for Multiply Disabled Pediatric Cochlear Implant Users		David Spritzler
102	(Re)habilitation, Comprehensive Health Services, and Educational	167	Counseling Parents of Cochlear Implant Candidates and Recipients on Realistic Expectations		David Spritzler
71	Surgery/Medical	168	Outcomes Following Reimplantation For Cochlear Implants Falling Under the 2020 FDA Corrective Action		Sunder Gidumal
103	(Re)habilitation, Comprehensive Health Services, and Educational	169	Resultados da estimulação auditiva bimodal		Fernanda F. Caldas
72	Surgery/Medical	170	Real-time Intracochlear Electrocochleography Monitoring During and After Cochlear Implantation		Natália Shigematsu
73	Surgery/Medical	171	Evaluation of Patient Perspectives and Concerns about Pediatric Cochlear Implant in Social Media		Sudeepti Vedula
24	Surgery / Medical	173	Early Outcomes of Cochlear Implantation for Pediatric COVID-19 Related Single Sided Deafness: Case Series and Literature Review	**	Kaitlyn Brooks
25	Audiology	175	Timing, Outcomes and Utilization of for Cochlear Implantation (CI) in Children with Congenital CMV (cCMV)		Kathryn Tribulski
26	Audiology	176	Audiological Use of AIM System by Measuring Neural Response Image.		Marina Vuljanic
74	Surgery/Medical	177	Predictors and Barriers of Cochlear Implant Adoption in Urban Underserved Patient Population		Arnav Shah
123	Economics, Public Policy, and Practice Management	178	Targeted screening for Congenital Cytomegalovirus in Chile: a way to expand access to cochlear implants.		Carolina Der
27	Surgery / Medical	182	The Extreme of the Age Spectrum: Cochlear Implantation Outcomes for Patients 90 Years and Older	**	Kaitlyn Brooks
75	Surgery/Medical	183	Case study on post lingual cochlear implantation following an explantation of contralateral ear in auditory-verbal adult male.		Lauren Brewster
76	Surgery/Medical	185	Pediatric Cochlear Implantation for Single-Sided Deafness after Temporal Bone Fracture		Mana Espahbodi
148	Audiology	186	Is there any difference in map parameters between patients with better performance in noise? Pilot Study		Ana Cristina Hoshino
28	Audiology	188	Early Experience Measuring Daily Impedance by Remote Check in Cochlear™ Nucleus® Cochlear Implant Recipients		Yi Yuan
29	Audiology	193	A new protocol for assessing and programming patients with single sided deafness		Allison Biever
104	(Re)habilitation, Comprehensive Health Services, and Educational Aspects	198	Cochlear Implant Outcome in COVID-19 patients : Insights for Hearing Rehabilitation		Fernanda F. Caldas
105	(Re)habilitation, Comprehensive Health Services, and Educational Aspects	199	Identifying Auditory Emotion Bio-Markers in Cochlear Implant Users with Machine Learning	**	Samir Gouin
140	Basic Research	203	Parent Beliefs & Experiences with Genetic Testing for Children with Sensorineural Hearing Loss		Jennifer Coto
30	Audiology	207	Auditory Skill Progression via the Pediatric Minimum Speech Test Battery by Children with Cochlear Implants	**	Grace Phelps
77	Surgery/Medical	208	Is there a difference in the results of cochlear implants in children implanted by supplementary health and in the unified health system?		Guilherme Biondi Ferreira Bento

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106	(Re)habilitation, Comprehensive Health Services, and Educational Aspects	210	Speech Perception and Self Perceived Benefit Outcomes Following Aural Rehabilitation for Adult Cochlear Implant Listeners		Douglas Sladen
31	Audiology	212	Cochlear Implantation After 80: Sunnybrook Experience		Demir Bajin
145	Miscellaneous	213	Incidence of Cochlear Implantation Among Adult Candidates in the United States		Ashley Nassiri
32	Audiology	217	Results of cochlear implant in children with unilateral and asymmetric deafness due to congenital cytomegalovirus infection		Paola Samuel
107	(Re)habilitation, Comprehensive Health Services, and Educational Aspects	219	Strategies used in listening and spoken language therapy: a systematic review		Domitille Lochet
78	Surgery/Medical	223	Cochlear Implantation in Single sided Deafness and Asymmetric Hearing Loss focusing on Congenital Cytomegalovirus Infection		Byung Yoon Choi
79	Surgery/Medical	227	The Effect of Surgeon Experience and Insertion speed on intracochlear pressures during In-Vitro Cochlear Implantation		William Crohan
80	Surgery/Medical	228	Can robots improve implantation? Comparisons between assisted and traditional cochlear implantation		William Crohan
33	Audiology	229	Effectiveness of modified map settings to reduce perceived tinnitus severity: A case study	**	Darla McDonald
34	Audiology	230	Development and implementation of virtual pre-evaluation counseling for improved management of adult cochlear implant candidates in the post COVID-19 era		Noelle Roth
108	(Re)habilitation, Comprehensive Health Services, and Educational Aspects	232	Neural entrainment of a naturalistic conversation in varying working memory loads		Priyanka Prince
141	Basic Research	239	CCI-CLOUD: A framework for Community Based remote Cochlear Implant user experiments based on the CCI-MOBILE Research Platform		Hazem Younis
109	(Re)habilitation, Comprehensive Health Services, and Educational Aspects	241	"Don't assume I'm too old!" Why we should assess the digital literacy of adults with hearing loss.		Catherine Sucher
81	Surgery/Medical	246	Electrode pullback - radiologic and electrophysiologic changes		Gina Lauer
142	Basic Research	247	Phonological Patterns Produced by Bilingual Children with Cochlear Implants and Their Bilingual Peers with Normal Hearing		Ferenc Bunta
132	Technology	248	Concurrent Recording Of The Electrically-Evoked Compound Action Potential And The Auditory Brainstem Response In Cochlear Implant Users		Matthew Dedmon
35	Audiology	250	Prediction of speech perception after cochlear implantation		Philipp Mittmann
110	(Re)habilitation, Comprehensive Health Services, and Educational Aspects	252	Auditory Training Index for Cochlear Implant Professionals and Recipients	**	Olivia Adamson
36	Audiology	254	Comparison of Demographics and Performance between Research and Clinical Cochlear Implant Recipients with Asymmetric Hearing loss		Andrea Overton
37	Audiology	257	Bilateral Cochlear Implants Effects on Voice		Justin Aronoff
124	Economics, Public Policy, and Practice Management	262	Using Process Maps to Optimize Cochlear Implant Delivery in a Multi-Institutional Collaborative Cochlear Implant Team		Camron Davies
111	(Re)habilitation, Comprehensive Health Services, and Educational	270	Cochlear Implant: Quality of Life Evaluation Based On A Prospective Cohort		Pauliana Lamounier
38	Audiology	271	Profile of Pediatric Patients Presenting for Cochlear Implant Candidacy Evaluation at a High-Volume Cochlear Implant Center		Christine Brown
39	Audiology	273	Cochlear Implant And Tinnitus: A Prospective Cohort		Pauliana Lamounier
112	(Re)habilitation, Comprehensive Health Services, and Educational	274	Retrospective Review of Patients with CMV that have Hearing Aids and/or Cochlear Implants		Sarah Gunning
40	Audiology	275	Early Post-Initial Stimulation Speech Understanding Performance Improvement in Cochlear Implant Patients with and without Anatomy-Based Fitting		Anna Louthan

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125	Economics, Public Policy, and Practice Management	277	Connecting with Families & Learning their True Needs: Implementation of a Virtual Team-based Model		Chrisanda Sanchez
113	(Re)habilitation, Comprehensive Health Services, and Educational	278	Speech articulation development in preschoolers who are D/HH		Monika-Maria Oster
41	Audiology	282	Neural correlates of tinnitus suppression and cross-modal plasticity in cochlear implant users with single sided deafness		Andrew Dimitrijevic
42	Audiology	283	Implementing Remote Care into Our Clinical Practice		Denise Kidd-Conover
43	Audiology	291	Utility of a Pitch Ranking Task in the Individualization of Filter Frequencies to Improve Sound Quality and Performance: A Case Study	**	Jacqueline Eberhard
126	Economics, Public Policy, and Practice Management	296	Do Aminoglycosides Affect Preterm Hearing?	**	Hajeera Afreen
44	Audiology	297	Accuracy of non-native Spanish speakers scoring the Spanish AzBio in quiet and in noise.		Stephanie Rios
127	Economics, Public Policy, and Practice Management	299	The Value in a Cochlear Implant Coordinator		Arineh Khachatourians
45	Audiology	303	Development and Utilization of a Cochlear Implant Test Protocol for Portuguese Speakers		Thais Toledo
115	(Re)habilitation, Comprehensive Health Services, and Educational	304	Emotion and Social Cognition in Adolescents with and without Cochlear Implants		Andrea Warner-Czyz
133	Technology	305	Effective Integration of Auditory Skills to Improve Complex Language		Kristina Blaiser
46	Audiology	307	Comparing Speech Recognition Performance of Cochlear Implant Users with Two Different Speech Tests: Consonant-Nucleus-Consonant (CNC) Word Test and AZBio Sentence Test.		Dania Rishiq
134	Technology	308	Hear for the Hierarchy - A Decision Tree for Parents	**	Blair Richlin
116	(Re)habilitation, Comprehensive Health Services, and Educational	313	Remote Check in a clinical setting: Outcomes after 6 months of use		Catherine Sucher
147	Miscellaneous	314	Speech Processor Retention in MRI-Compatible Cochlear Implant Systems		Jennifer Woodard
47	Audiology	317	Cochlear Implant Programming Methods and Effect on Speech Perception Outcomes: A Scoping Review of the Literature	**	Diane Martinez
135	Technology	319	Real-world Hearing Experience and Usability of a New Sound Processor: A Multi-national Survey		Bob Dwyer
82	Surgery/Medical	327	A Case of Waardenburg Syndrome Type I With Congenital Sensorineural Hearing Loss		Minh Le