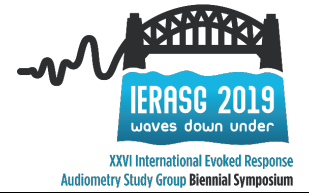
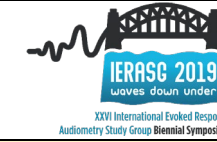


IERASG 2019 Symposium Program



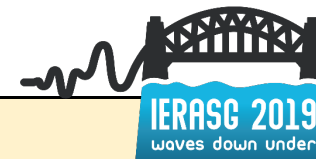
Sun 30 June 2019				Mon 1 July 2019		Tue 2 July 2019		Wed 3 July 2019		Thur 4 July 2019					
7:00				7:00	Registration	7:00	IERASG Council Meeting	7:00	IERASG Council Meeting	7:00	IERASG Council Meeting				
7:30				7:45	Welcome to Country & MU										
8:00				8:00	Hallowell Davis Lecture (Prof Linda Hood)	8:00	Guest Lecture 2 - R Thornton (Prof John Durrant)	8:00	Guest Lecture 3 (Dr Phillip Gilley)	8:00	Guest Lecture 4 (Prof Bob Burkard)				
8:30						8:30	Free Papers - CAEP 2	8:30	Free Papers - ASSR2	8:30	Free Papers - OAE1				
9:00	Registration	Registration	Registration	9:15	Free Papers - fNIRs/MEG										
9:30	Workshop 1 - Pt 1: Introduction to EEG Analysis (A/Prof Andrew Dimitrijevic)	Workshop 2: Using FNIRS to Map Auditory Cortical Function (Prof David McAlpine)	Workshop 4: Examining Sentence-level Language Processing using ERPs (Ms Rebecca Holt & Dr Joaquin Valderamma)	10:00	Morning Tea	10:00	Morning Tea	10:00	Morning Tea	10:00	Morning Tea				
10:30				10:30		IERASG Student Scholarships		10:30		Panel 1 - Imaging (mod: Prof David McPherson)		10:30	Panel 2 - AEP/Clinical Tools (mod: Prof Barbara Cone)		
11:00				11:00		Free Papers - CAEP 1		11:30		Free Papers - Other AEPs		11:30	Free Papers - MNN/Other 2	11:30	Free Papers - VEMPs
11:30															
12:00															
12:30	Lunch Break	Lunch Break	Lunch Break	12:30	Lunch Break	12:30	Excursion	12:30	Lunch Break	12:45	Vestibular Evoked Myogenic Potentials				
1:00															
1:30	Workshop 1 - Pt 2: Introduction to EEG Analysis (cont'd)	Workshop 3: Using Eye Tracking & Pupillometry (Dr Laurence Bruggeman)	Workshop 5: Introducing Machine Learning for EEG Analysis (Dr Fabrice Bardy)	1:30	Free Papers - ASSR1	1:30		Free Papers - CAEP3	1:30	Closing Ceremony					
2:00															
2:30												2:30	FINISH		
3:00								3:00	Afternoon Tea	3:00	Afternoon Tea				
3:30								3:30	Free Papers - ABR1	3:30	Free Papers - ABR2				
4:00															
4:30															
5:00	Welcome Reception			5:00	Poster Session 1 Australian Hearing Hub - Tour 1 Cochlear Ltd - Tour 1	5:00		Poster Session 2 Australian Hearing Hub - Tour 2 Cochlear Ltd - Tour 2							
5:30															
6:00															
6:30															
7:00							7:00	Organising Committee / Council Dinner	7:00	Gala Dinner (Curzon Hall)					

IERASG 2019 Symposium Program - Authors



Mon	1 July 2019	Tue	2 July 2019	Wed	3 July 2019	Thur	4 July 2019
7:00	Registration	7:00	IERASG Council Meeting	7:00	IERASG Council Meeting	7:00	IERASG Council Meeting
7:45	Welcome to Country & MU						
8:00	Hallowell Davis Lecture Prof Linda Hood Chair: Suzanne Purdy	8:00	Guest Lecture 2 - R Thornton Prof John Durrant Chair: Fabrice Bardy	8:00	Guest Lecture 3 Dr Phillip Gilley Chair: Mridula Sharma	8:00	Guest Lecture 4 Prof Bob Burkard Chair: Bob Cowan
9:15	Free Papers - fNIRS/MEG Chair: Andy Beynon 1. #121 - Undurraga 2. #128 - Wunderlich 3. #123 - Van Yper	8:30	Free Papers - CAEP 2 Chair: Steven Bell 1. #37 - Durrant 2. #40 - El Kholy 3. #45 - Friesen 5. #53 - Han 6. #54 - Lai	8:30	Free Papers - ASSR 2 Chair: Andrew Dimitrijevic 1. #71 - Kordus 2. #75 - Le Prell 3. #78 - Lee 4. #82 - Lewis 5. #84 - Lightfoot 6. #131 - Zapata-Rodriguez	8:30	Free Papers - OAEs Chair: Jose Barajas 1. #34 - Dhar 2. #65 - Keppler 3. #64 - Keppler 4. #94 - Mishra 5. #100 - Park
10:15	Morning Tea	10:00	Morning Tea	10:00	Morning Tea	10:00	Morning Tea
11:00	Free Papers - CAEP 1 Chair: Susan Small 1. #41 - El Kholy 2. #12 - Bell 3. #25 - Simpson 4. #27 - Ching 5. #32 - Cone 6. #36 - Dimitrijevic	10:30	IERASG Student Scholarships Chair: Suzanne C Purdy 1. #3 - Adjekum 2. #16 - Abrahamse 3. #17 - Bhat J P 4. #18 - Bhat 5. #23 - Chan 6. #35 - Dillard 7. #43 - Faundez 8. #73 - Kwak 9. #95 - Moffat 10. #103 - Publius Anil 11. #106 - Salcic 12. #124 - Vanthornhout 13. #129 - Yan	10:30	Panel 2 - Imaging Mod: Prof David McPherson Panel members: Gilley P, Zenin J, McMahon CM, Dimitrijevic A, Sowman P	10:30	Panel 3 - AEP/Clinical Tools Mod: Prof Barbara Cone Panel members: Uhler K, Burkard R, Purdy SC, Bardy F, Small S, Bell SL
		11:30	Free Papers - Other AEP1 Chair: Jun Ho Lee 1. #15 - Beynon 2. #50 - Graber 3. #58 - Im 4. #59 - Jedrzejczak	11:30	Free Papers - MNN/Other 2 Chair: Martin Walger 1. #63 - Kang 2. #92 - Michel 3. #110 - Sharma 4. #120 - Uhler	11:30	Free Papers - VEMPs Chair: David Purcell 1. #44 - Fowler 2. #57 - Huang 3. #61 - Kang 4. #69 - Kimura 5. #130 - Ying
12:30	Lunch Break	12:30	Excursion	12:30	Lunch Break	12:45	Panel 4: Vestibular Evoked Myogenic Potentials Mod: Prof Robert (Bob) Burkard Panel members: Fowler C, Beynon A, Lightfoot G, Delgado R
1:30	Free Papers - ASSR 1 Chair: Wiktor Jedrzejczak 1. #7 - Bahmer 2. #9 - Barajas de Prat 3. #22 - Cebulla 4. #55 - Delgado 5. #38 - Durrant 6. #68 - Kim			1:30	Free Papers - CAEP 3 Chair: Krzysztof Kochanek 1. #60 - Jeong 2. #91 - Menezes 3. #101 - Park 4. #107 - Schalles 5. #102 - Paul 6. #6 - Appaiah	1:30	Closing Ceremony
3:00	Afternoon Tea			3:00	Afternoon Tea	2:30	FINISH
3:30	Free Papers - ABR1 Chair: Marilyn Perez-Abalo 1. #10 - Bell 2. #20 - Burkard 3. #21 - Campbell 4. #4 - Ahn 5. #119 - Tawfik 6. #118 - Thai-Van			3:30	Free Papers - ABR2 Chair: Guy Lightfoot 1. #77 - Lee 2. #112 - Small 3. #93 - Minami 4. #108 - Seol 5. #122 - Valderrama 6. #126 - Walger		
5:00	Poster Session 1 AHH Tour 1 Cochlear - Tour 1			5:00	Poster Session 2 AHH Tour 2 Cochlear - Tour 2		
6:00	Close			6:00	Close		
7:00	Organising Committee / Council Dinner			7:00	Gala Dinner (Curzon Hall)		

IERASG 2019 Scientific Program - Oral

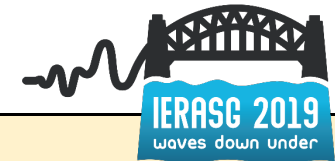


Day 1 - Monday 1 July 2019

XXVI International Evoked Response
Audiometry Study Group Biennial Symposium

Time	Program / Abstract #	Presenting Author	Title
8:00	Hallowell Davis Lecture	Prof Linda Hood	Physiology and the Audiogram – A Love-Hate Relationship
9:15	Free Papers - fNIRS/MEG #121 #128 #123	Undurraga, JA Wunderlich, J Van Yper, LN	Neural Representation of Interaural Time Differences in Humans – the ITD damping function. Introducing EarGenie; a novel objective hearing assessment technology. Neural representations of interaural time differences in the human cortex – an MEG study
11:00	Free Papers - CAEP 1 #41 #12 #25 #27 #32 #36	Ei Kholy, W Bell, SL Simpson, DM Ching, YC Cone, B Dimitrijevic, A	Acoustic Change Complex using Short Duration Speech and Non-Speech Stimuli in Normal Hearing Children Hearing aids do not improve entrainment to running speech in quiet for subjects with sloping high- frequency mild-to-moderate hearing impairment Bootstrapped methods for automatic auditory late response detection in adults Infant cortical auditory evoked potentials to speech sound contrasts: acoustic change complex (ACC) Informational and energetic masking effects on speech- and tone- evoked CAEPs. Enhanced cortical plasticity is related to better cochlear implant outcomes
1:30	Free Papers - ASSR 1 #7 #9 #22 #55 #38 #68	Bahmer, A Barajas, dP Cebulla, M Delgado, RE Durrant, J Kim, YS	Electrically evoked auditory steady-state responses (EASSR) to modulated pulse trains Auditory Steady State Responses in Normal-Hearing subjects: An Analysis of the Amplitude Derived From Continuous Tones and a Chirp Stimuli Improving Automatic Detection of narrowband ASSR by Optimization the Stimulation Rate in Normal Hearing Adults Late Latency Auditory Steady State Response: Studies in Subjects with Hearing Loss Scrutiny of Issues of Threshold Estimation via Cortical (or Any?) ERA Effects of residual hearing in children on the ASSR after CI
3:30	Free Papers - ABR1 #10 #20 #21 #4 #105 #119 #118	Bell, SL Burkhard, R Campbell, KCM Ahn, JH Purdy, SC Tawfik, S Thai-Van H	Exploring ABR responses elicited by forward and reverse narrow-band chirps and their properties. The Auditory Brainstem Response in the Bottlenose Dolphin (<i>Tursiops truncatus</i>): Offset Responses are Strongly Dependent on Stimulus Properties Using Electrophysiologic Measures to Determine Dose-Dependent D-met Otoprotection from Steady State and Impulse Noise Exposures in the Chinchilla What do auditory brainstem evoked response and distortion product otoacoustic emissions show in the diabetes patients with normal hearing? Objective measures of brainstem auditory processing Central auditory processing in children with specific language impairment Speech Auditory Brainstem Response through hearing amplification: A biomarker of hearing aid benefit

IERASG 2019 Scientific Program - Oral



Day 2 - Tuesday 1 July 2019

XXVI International Evoked Response
Audiometry Study Group Biennial Symposium

Time	Program / Abstract #	Presenting Author	Title
8:00	Guest Lecture 2 - R Thornton	Prof John Durrant	In Memoriam Roger Thornton
8:30	Free Papers - CAEP2		
	#37	Durrant, J	Loudness Dependence of Cortical AEPs: Beyond the Scope of Audiological Interest/Practice (?) Revisited
	#40	El Kholly, W	Acoustic Change Complex and Behavioral Auditory Discrimination in Cochlear Implant Children
	#45	Friesen, L	Hearing Preservation in cochlear implantees
	#53	Han, J-H	Cortical activity pattern evoked by change of sound location in unilateral deafness
	#54	Lai, W	Intra-operative electrophysiological monitoring: Factors affecting ECAP measurements
10:30	IERASG Student Scholarship Presentations		
	#3	Adjekum, R	Frequency specificity of narrow-band LS-Chirps versus 2-1-2 linear-gated tones: acoustic spectral analyses
	#16	Abrahamse, R	Auditory Discrimination in Prelingually Deaf Early Implanted Cochlear Implant Users: an ERP Study
	#17	Bhat, PJ	Pitch coding in Vocalists and Non Musicians to Carnatic Music stimuli : An AEP study
	#23	Chan, S	The acoustic change complex elicited to iterated ripple noise, a temporal pitch percept, in infants and adults with normal hearing
	#35	Dillard, L	The use of auditory evoked responses in measuring ototoxic damage from treatment of prevalent diseases: A systematic review & meta-analysis
	#43	Faundez, JP	Assessing neural ITD processing in normal hearing adults
	#73	Kwak, C	A Relation between Speech Degradation and Listening Effort under Reverberated and Noisy Environments
	#95	Moffat, R	Mapping emotional prosody processing in normal and cochlear implant listeners with fNIRS: a pilot study
	#103	Publius, A	Intrasection and Intersession Test-retest Reliability of Onset, Offset, Peak latencies, Amplitude and Area of Speech evoked P300
	#106	Salcic, A	Event-related potentials (ERPs) reveal atypical processing of ungrammatical sentences in adults with dyslexia
	#124	Vanthornhout, J	Objective speech audiometry through brain response classification
	#129	Puyan, A (TBC)	A Study of Combined Use of P300 and MMSE in Evaluation of Cognitive Functions in Patients with Hearing Loss
11:30	Free Papers - Other AEP1		
	#15	Beynon, AJ	Intraoperative monitoring Cochlear Microphonics using Cochlear Response Telemetry
	#50	Graber, E	Is Listening Effort Expressed in Pupil Diameter and EEG Alpha Power?
	#58	Im, GJ	Different distributions and contributions of ion channels along the tonotopic turns of rat cochlea
	#59	Jedrzejczak, WW	Repeatability of suppression of transiently evoked otoacoustic emissions during the selective attention tasks

IERASG 2019 Scientific Program - Oral

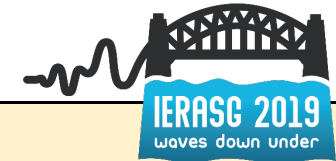


XXVI International Evoked Response
Audiometry Study Group Biennial Symposium

Day 3 - Wednesday 3 July 2019

Time	Program / Abstract #	Presenting Author	Title
8:00	Guest Lecture 3	Dr Phillip Gilley	Stimulus expectancy modulates speech discrimination processing in infants and children
8:30	Free Papers - ASSR 2		
	#71	Kordus, M	Auditory Steady-State Responses ASSR in normal hearing adults – Stimuli Interaction for narrow-band Chirps
	#75	Le Prell, C	No differences in ABR wave I slope as a function of exposure to leisure noise
	#78	Lee, M Y	Comparative analysis of ASSR and behavioral audiometry in sudden sensorineural hearing loss patients
	#82	Lewis, D	Establishing normal auditory steady-state response thresholds to narrow band CE-Chirp® stimuli in full-term neonates
	#84	Lightfoot, G	ASSR results in Auditory Neuropathy: a case of unexpectedly good ASSR thresholds
	#131	Zapata-Rodriguez, V	Investigating Room Acoustical Effects of Simulated Clinic Rooms on Sound-Field ASSR Measurements Using a Virtual Acoustic Environment
10:30	Panel 1 - Imaging	mod: Prof David McPherson	Gilley P, Zenin J, McMahon CM, Dimitrijevic A, Sowman P
11:30	Free Papers - MMN/Other 2		
	#92	Michel, F	Clinical considerations when taking the Nucleus slim modiolar electrode into use: NRT-based programming and NRT-ratio
	#110	Sharma, M	Mismatch Negativity: test-rest reliability
	#120	Uhler, K	The relationship between MMR _{TF} and Speech discrimination
1:30	Free Papers - CAEP 3		
	#60	Jeong, S W	P1 Cortical Auditory Evoked Potential in Children with Unilateral or Bilateral Cochlear Implants; implication for timing of second cochlear implantation
	#91	Menezes, P	Decline of speech recognition in difficult listening conditions related to age and cognition contributions of auditory and non-auditory factors
	#101	Park, S E	Auditory Evoked Potentials and Speech-in-Noise Perception: Effects of Aging and Hearing Loss
	#102	Paul, B	Single-trial EEG alpha rhythms track changes of listening effort in cochlear implant users during speech in noise perception
	#107	Schalles, M	Non-invasive Click-Evoked Auditory Cortical Response in the Dolphin
	#6	Appaiah, S	N400: Objective measure of speech understanding in noise.
3:30	Free Papers - ABR2		
	#77	Lee, J H	Development of criteria models for the prediction of acoustic tumor using click and chirp-evoked ABR
	#112	Small, S	Effective masking levels for bone-conduction Auditory Brainstem Response stimuli in infants and adults with normal Cochlear implantation of inner ear malformation (IEM): A novel and simple classification of IEM, intracochlear EABR, and outcomes of speech and hearing.
	#93	Minami, S	Cochlear implantation of inner ear malformation (IEM): A novel and simple classification of IEM, intracochlear EABR, and outcomes of speech and hearing.
	#122	Valderrama, J T	Towards the recording of brainstem and cortical evoked potentials from the fine structure of natural speech.
	#126	Walger, M	Evaluation of auditory function in CI candidates with eABR

IERASG 2019 Scientific Program - Oral



Thursday 4 July 2019

XXVI International Evoked Response
Audiometry Study Group Biennial Symposium

Time	Program / Abstract #	Presenting Author	Title
8:00	Guest Lecture	Prof Bob Burkard	The auditory brainstem response across species: Sometimes it is not just about the human condition
8:30	Free Papers - OAEs #34 #65 #64 #94 #100	Dhar, S Keppler, H Keppler, H Mishra, S Park, K H	Twice Broken: Evidence of a Second Break from Scaling Symmetry in the Cochlear Base Auditory late effects due to therapy-related ototoxicity in survivors of childhood brain tumors Analysis of probe fitting stimulus properties on transient evoked otoacoustic emissions Human efferent neural sensitivity to temporal fluctuations ABR & OAE Change of mesenchymal stem cell transplantation in acute ototoxic hearing loss
10:30	Panel 2 - AEP/Clinical Tools	mod: Prof Barbara Cone	Uhler K, Burkard R, Purdy SC, Bardy F, Small S, Bell SL
11:30	Free Papers - VEMPs #44 #57 #61 #69 #130	Fowler, C Huang, Q Kang, H Kimura, Y Ying, L	Vestibular and 3D Visual Function in Motion Sickness Comparison of VEMPS, VHIT and caloric test outcomes in Menière's disease Correlation between 3D-FLAIR MRI with audiological examinations in patients with Meniere's disease Assessment of vestibular functions in 8 patients with auditory neuropathy. Normal Values of Ocular Vestibular Evoked Myogenic Potential in Elderly Patients
12:45	Panel 2 - Vestibular Evoked Myogenic Potentials	mod: Prof Robert Burkard	Fowler C, Beynon A, Delgado R, Lightfoot G

IERASG 2019 Scientific Program - Posters



XXVI International Evoked Response
Audiometry Study Group Biennial Symposium

Abstract / Poster #	Session	Submitting Author	Title
#8	1	Bahmer, A	Effects of electrical pulse polarity shape on intra cochlear neural responses in humans: triphasic pulses with <i>anodic</i> second phase.
#11	1	Bell, S	Exploring the effect of stimulus level on da responses
#13	1	Beynon,A	The effect of cochlear implantation on the function of the semicircular canals and the relationship between vestibular results
#14	1	Benyon, A	Auditory brainstem responses obtained with B81 bone conductor using level specific Chirp stimuli
#19	1	Bicego, L	ABR via Vibrant Soundbridge during surgical Vibroplasty
#24	1	Chesnaye, M	An adaptive sequential test strategy for auditory evoked response detection
#26	1	Chesnaye, M	A frequency domain bootstrap for auditory evoked response detection methods
#28	1	Cho, S-I	The changes of mitophagy in age-related hearing loss
#29	1	Choi, J	Analysis of auditory brainstem response waveforms according to tinnitus duration
#30	1	Chung, J	Changes of inter-peak latency of ABR in the patients with tinnitus
#31	1	Cone, B	The ASSR, ACC and BMLD
#33	1	Cone, B	Electrophysiologic correlates of spatial release from masking
#39	1	Easwar, V	Interactions between vowel-evoked envelope following responses simultaneously elicited by harmonics in different formants
#1	1	Abraham, A	To investigate maturation of auditory and visual long latency responses in non habilitated prelingual hearing impaired adolescents and
#42	1	Enomoto, C	EABR measurements during cochlear implantation in infant, child & adult, and elderly patients
#47	1	Frizzo, A	The effect of suppressor stimulus on transient-evoked otoacoustic emissions efferent suppression
#49	1	Geiger, U	Using a new 3B ISTS-modified CE-Chirp stimulus for ASSR measurements in normal-hearing adults in comparison to standard stimul
#51	1	Griz, S	Laterality in the temporal processing in brainstem leve
#52	1	Griz, S	Forward masking on Frequency Following Response as a function of age
#56	1	Hosoya, M	Preoperative electrophysiological analysis predicts preservation of hearing and facial nerve function following vestibular schwannoma surgery with continuous intraoperative neural monitoring
#66	1	Keppler, H	Effect of MRI on distortion product otoacoustic emissions in neonates: a pilot study
#70	1	Kochanek, K	Effects of contralateral ear occlusion on amplitude of transiently evoked otoacoustic emission
#74	1	Kyong, J-S	Listening in noisy background: Increased listening effort evidenced in delayed mismatch negativity
#76	1	Le Prell, C	Effects of noise exposure on auditory brainstem response in populations exposed to occupational noise
#79	1	Lewis, D	Comparing toneburst and narrow band CE-Chirp stimuli in auditory brainstem responses for young infants
#80	2	Lewis, D	Auditory brainstem responses with narrow band CE-Chirp Level Specific stimulus in children
#81	2	Lewis, D	Auditory steady-state responses with narrow band CE-Chirp stimuli in children with sensorineural hearing loss
#83	2	Lewis, D	Latency and amplitude differences between clicks and CE-Chirp stimuli for auditory brainstem response in normal hearing neonates
#85	2	Lightfoot, G	Development of an ASSR Masking Noise Calculator
#86	2	Lim, KH	Functional outcome according to materials and lengths of the ossicular replacement prosthesis
#87	2	Lodwig, A	Multi-Frequency detection of the acoustic reflex

#89	2	Matsuda, S	Two adult cases of Charcot-Marie-Tooth disease merging Auditory Neuropathy
#90	2	Menezes, P	The study of familiar speech recognition in the presence of competitive noise
#96	2	Nam, E-C	The effect of primary levels and frequencies on the contralateral suppression of distortion product otoacoustic emission
#97	2	Oh, J-H	Reliability and validity of speech audiometric test results as criteria for hearing disability determination
#98	2	Palaniswamy, HP	Effect of attention and hemisphere on semantic integration using audio-visual paradigm – An ERP study
#99	2	Park, EH	Analysis of mapping characteristics of cochlear implant patients with inner ear anomalies
#104	2	Purcell, D	Multi-frequency electrophysiological measure of auditory temporal acuity
#109	2	Sergey, S	Digital key in initial music education
#111	2	Shim, HJ	Influence of visual deprivation on auditory spectral resolution, temporal resolution, and speech perception
#88	2	Maslin, M	Comparison of air- and bone-conducted narrowband CE-chirp [®] and toneburst stimuli in threshold estimation using auditory brainstem responses
#114	2	Sohier, H	Behavioral and electrophysiological measures of spectrally modulated stimuli as predictor of speech recognition scores for normal hearing and hearing-impaired adults
#115	2	Son EJ	Assessment of hearing handicap in patients with unilateral sudden sensorineural hearing loss
#127	2	Wang, S	Voice pitch elicited Frequency Following Response in Chinese elderlies
#132	2	Zhang, Y	XIAP gene transfection to the inner ear of guinea pigs by modified lentiviral vector
#72	2	Kuruvilla-Mathew, A	Modulation of attentional networks during easy and challenging listening situations
#63	2	Kang, S	The effectiveness of electrophysiological approach using acoustic change complex for evaluating spectral resolution in individuals with normal hearing and hearing impairment
#108	2	Seol, H Y H	Impact of hearing aid noise reduction algorithms on speech-evoked auditory brainstem response
#4	2	Ahn, JH	What do auditory brainstem evoked response and distortion product otoacoustic emissions show in the diabetes patients with normal hearing?