



# Advances in Auditory Implants

10<sup>th</sup> – 12<sup>th</sup> June 2019

Course Coordinators:

Professor Shakeel Saeed & Dr Hannah Cooper

## Day 1 – Monday 10<sup>th</sup> June 2019

Time	Title	Speaker
	<b>Candidacy, psychophysics and fitting</b>	
08:30	Registration	
09:00	Overview of course	Shakeel Saeed
09:15	Overview of cochlear implants and implantable devices	Shakeel Saeed
09:45	Controversial indications	Richard Irving
10:15	Evolving candidacy in the UK and worldwide	Deborah Vickers
	<b>Break</b>	
11:15	Evaluating brain changes following implant activation	Debi Vickers
11:45	Assessing listening effort in cochlear implant users	Tim Green
12:15	Overview of cochlear implant fitting	Wayne Ellis
12:45		
13:15	<b>Lunch</b>	
14:15	Psychophysics of cochlear implants	Stuart Rosen
15:00	Fitting other auditory implants	TBC
15:30	<b>Break</b>	
16:00	Sound processing in cochlear implants	Stuart Rosen
16:30	Amplitude compression in cochlear implants	Brian Moore
17:30	<b>Close</b>	



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## Day 2 – Tuesday 11<sup>th</sup> June 2019

Time	Title	Speaker
	<b>Auditory implants, surgery &amp; objective measures</b>	
09:00	Middle ear implants & bone conducting devices	Harry Powell
09:30	Auditory brainstem implants	Shakeel Saeed
10:00	Electro-acoustic devices AB	TBC
10:30	<b>Break</b>	
11:00	Preservation of residual hearing	Sherif Khalil
11:30	Optimising and assessing outcomes for adults	Wayne Ellis
12:00	Using BKB sentences	Azhar Shaida
12:30	Changes in speech and language outcomes over time	Tracey Sear
13:00	<b>Lunch</b>	
	<i>Timetable flexible around surgery</i>	
13:30	Live surgery	Sherif Khalil
	Explanation of surgical aspects	Shakeel Saeed
14:30	Overview of objective measures for fitting	TBC
15:00	<b>Break</b>	
15:30	Future of sound processing & implant design	Bob Carlyon
16:00	Identifying and facing device problems	Jane Bradley
16:30	<b>Close</b>	



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Day 3 – Wednesday 12<sup>th</sup> June 2019

Time	Title	Speaker
	<b>Maximising outcomes &amp; the future</b>	
09:00	Approaches for paediatric habilitation	TBC
09:30	Optimising and assessing speech perception in children	Josephine Marriage
10:00	Fitting a contralateral hearing aid	Mark Chung
10:30	<b>Break</b>	
11:00	Impact of singing training on hearing-impaired children	Graham Welch
11:30	Creative approaches to rehabilitation	TBC
12:00	The impact of home language on deaf children's speech and language development	TBC
12:30	Assessment and rehabilitation	
13:00	<b>Lunch</b>	
14:00	Vestibular function in cochlear implant users	Ghada Al-Malky
14:30	Reaching adults	Sarah Allen
15:00	Sign language and cochlear implantation	<b>TBC</b>
15:45	Neural growth factors and drug therapies	Andy Forge
16:15	Summary and close of course	Carolina Leal/Hannah Cooper
16:30	<b>Close</b>	