



# Advances in Auditory Implants

4<sup>th</sup> – 6<sup>th</sup> June 2018

Course Directors:  
Dr Debi Vickers & Professor Shakeel Saeed

## Day 1 – Monday 4<sup>th</sup> June

Time	Title	Speaker
8.30	Registration	
9.00	Overview of course	Shakeel Saeed
	<b>Candidacy, psychophysics and fitting</b>	
9.15	Overview of cochlear implants and implantable devices	Shakeel Saeed
9.45	Controversial Indications	Richard Irving
10.15	Evolving candidacy in the UK & worldwide	Deborah Vickers
10.45	<b>BREAK</b>	
11.15	Single-sided deafness & asymmetric losses	Padraig Kitterrick
11.45	Single-sided deafness: what have we learnt	
12.15	Overview of cochlear implant fitting	Jennifer Bryant
12.45	Fitting a contralateral hearing aid	Jennifer Bryant
13.15	<b>LUNCH</b>	
14.15	Psychophysics of cochlear implants	Stuart Rosen
15.00	Fitting other auditory implants	Terry Nunn
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 5<sup>th</sup> June

Time	Title	Speaker
	<b>Auditory implants, surgery &amp; objective measures</b>	
9.00	Middle ear implants & bone conducting devices	Harry Powell
9.30	Auditory brainstem implants	Shakeel Saeed
10.00	Electro-acoustic devices	
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
	The non-traditional candidate	
12.30	Changes in speech and language outcomes over time	Tracey Sear
13.00	LUNCH	
	<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	Anzel Britz
15.00	<b>BREAK</b>	
15.30	Evaluating brain changes following implant activation	Debi Vickers
16.00	Identifying and facing device problems	Jane Bradley
16.30	<b>CLOSE</b>	



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## Day 3 – Wednesday 6<sup>th</sup> June

Time	Title	Speaker
	<b>Maximising outcomes &amp; the future</b>	
9.00	Issues in paediatric habilitation	Alex Wheeler
9.30	Optimising and assessing speech perception in children	Josephine Marriage
10.00	Impact of music training on executive function	Katie Mason
10.30	<b>BREAK</b>	
11.00	Impact of singing training on hearing-impaired children	Graham Welch
11.30	Music therapy	
12.00	Assessing listening effort in cochlear implant users	Tim Green
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	Mel Gregory
15.00	Future of sound processing & implant design	Bob Carlyon
15.45	Neural growth factors and drug therapies	Andy Forge
16.15	Summary and close of course	Ghada Al-Malky
16.30	<b>CLOSE</b>	