

# Electric Response Audiometry

14<sup>th</sup> - 18<sup>th</sup> May 2018

Venue: Cedar Court Hotel, Harrogate, UK

## *Course Programme*

<b>Day 1</b>	<b>MONDAY</b>	<b>14<sup>th</sup> May</b>
	12.30 -13.30	Registration (buffet lunch available)
	13.30 -13.45	Course preview & general aims (GL)
	13.45 -14.00	An introduction to ERA (GL)
	14.00 -14.30	Anatomy & Physiology (GL)
	14.30 -15.00	Calibration & Artifacts (GL)
	15.00 -15.30	<i>Tea</i>
	15.30 -17.00	General ERA methodology & Instrumentation (GL) (demonstration lecture, with Vivosonic)
	17.00 – 17.45	ABR waveform identification & avoiding errors (GL)
	19.30	<i>Dinner</i>
		Quiz

<b>Day 2</b>	<b>TUESDAY</b>	<b>15<sup>th</sup> May</b>
	07.30 - 09.00	<i>Breakfast</i>
	09.00 - 09.50	OAE recording methodology demonstration lecture (PB)
	09.50 -10.25	Clinical Applications of OAEs (PB)
	10.25 -10.45	<i>Coffee</i>
	10.45 -12.30	<b>Guest Lecture:</b> The origin and different types of oto-acoustic emissions (Professor David Kemp)
	12.30 -13.30	<i>Lunch</i>
	13.30 -14.45	Practical 1: OAE
	14.45 -15.00	Feedback from practical 1 (All)
	15.00 -15.40	Introduction to screening for hearing loss in babies (SB)
	15.40 -16.00	<i>Tea</i>
	16.00 – 17.10	Threshold ABR test strategy (SB)
	17.10 -17.45	NHSP guidance updates (GL)
	19.30	<i>Dinner</i>

This course is ideally suited to CPD reflective practice

**Day 3 WEDNESDAY 16<sup>th</sup> May**

07.30 - 08.45	<i>Breakfast</i>
08.45 - 09.30	Paediatric (Threshold) ABR: Methodology (GL)
09.30 - 10.45	Paediatric (Threshold) ABR: Clinical Applications: (i) AC, (ii) bone (GL)
10.45 - 11.15	<i>Coffee</i>
11.15 - 12.30	Steady-state auditory evoked potentials (SB) (demonstration lecture, with Interacoustics)
12.30 - 13.30	<i>Lunch</i>
13.30 - 15.00	Practical 2: Threshold AC & BC ABR
15.00 – 15.15	<i>Tea</i>
15.15 – 15.20	Feedback on Practical 2
15.20 – 16.15	Practical 3: ASSR
16.15 – 17.00	ABR interpretation exercise (All)
17.00 – 17.45	ABR test strategy exercise – what next? (GL)
17.45 – 18.20	An introduction to chirps (GL) (demonstration lecture, with Guymark)
19.30	<i>Dinner</i>

8.00

**Day 4 THURSDAY 17<sup>th</sup> May**

07.30 - 09.00	<i>Breakfast</i>
09.00 – 09.40	Paediatric (Threshold) ABR: Case studies & discussion (GL)
09.40 – 10.10	CM testing for AN/AD (SB)
10.10 - 11.10	Otoneurological ABR: Methodology, Clinical applications / Test Strategies (GL)
11.10 – 11.30	<i>Coffee</i>
11.30 - 12.45	Practical 4: Otoneurological ABR & CM testing
12.45 - 13.45	<i>Lunch</i>
13.45 - 14.30	Cortical ERA: Methodology & Clinical Applications (GL)
14.30 – 15.40	Practical 5: Cortical ERA
15.40 – 16.00	<i>Tea</i>
16.00 - 16.30	Cortical ERA: Case studies & discussion (GL)
16.30 – 17.30	An introduction to VEMPs (JS) (demonstration lecture, with Otometrics)
19.00	<i>Group photograph and Dinner</i>

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**Day 5 FRIDAY 18<sup>th</sup> May**

07.30 - 09.00	<i>Breakfast (&amp; vacate rooms)</i>
09.00 – 09.30	ABR Peer Review (GL) see <a href="http://www.abrpeerreview.co.uk">www.abrpeerreview.co.uk</a>
09.30 – 10.30	Masking the ABR (GL)
10.30 – 11.00	Otoneurological ABR case studies & discussion (GL)
11.00 - 11.30	<i>Coffee</i>
11.30 - 12.15	Course Examination (GL)
12.15 - 12.45	Discussion & course review
12.45	<i>Lunch &amp; depart</i>

**Our Partners**

**We are proud to have the support and participation of:**



**FACULTY:**

**Dr Guy Lightfoot** Consultant Clinical Scientist (GRL)  
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**Dr Paul Bacon** Clinical Scientist (PB)  
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**Dr Siobhan Brennan** Clinical Scientist (SB)  
(Royal Hallamshire Hospital, Sheffield)

**Dr Jas Sandhu** Clinical Scientist (Aud) & ENT Surgeon (JS)  
(Royal Hallamshire Hospital, Sheffield)

**Prof David T Kemp**, Professor of Auditory Biophysics (DK)  
(UCL Ear Institute London)

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