

**Moorfields/ UCL Institute of Ophthalmology and the
International Society for Clinical Electrophysiology of
Vision**



On-line Clinical Electrophysiology of Vision Programme

Clinical visual electrophysiology: pre-recorded talks and demonstrations – From 31st August

Time (mins) Lecture no.	Pre-recorded introductory lectures	Speaker(s)
30	1. Basic anatomy & physiology	Bart Leroy
30	2. Imaging techniques	Antonio Calcagni
30	3. Acquired retinal disease	Rola Ba-Abbad
30	4. Inherited retinal disease	Bart Leroy
30	5. Optic nerve disease	Patrick Yu Wai Man
30	6. Technical issues & artefacts	Ruth Hamilton
30.	7. Introduction to the PERG	Michael Bach
	Video demonstrations	
1	Application of the DTL electrode	GOSH team
2	Application of the gold foil electrode	MEH team
3	Electrode placement for retinal testing	MEH team
4	Skin electrode placement for retinal testing	MEH team
5	Electrode placement for EOG testing	MEH team
6	Electrode placement for VEP testing	MEH team

ISCEV pre-clinical and veterinary electrophysiology: pre-recorded talks – From 31stst August.

Time (mins) Lecture no.	Pre-recorded introductory lectures	Speaker(s)
25	8. Models of photoreceptor degeneration	Mathias Seeliger
25	9. The DC ERG and models of RPE dysfunction	Neal Peachey
25	10. Models of inner retinal dysfunction	Laura Frishman
25	11. Oscillatory potentials and applications	Bo Lei
25	12. VEPs and behavioural testing	Bang Bui
25	13. Clinical veterinary medicine	Simon Petersen-Jones
25	14. Historical perspective	Emily O'Neill & Linda Shi

Live sessions

Session 1 – 3rd September: Live Lectures

Start time Lecture no.	Time (mins)	Live lectures	Speaker(s)
10:50	10	Welcome and Introduction to the Moorfields/UCL/ISCEV course	Tony Robson & Dorothy Thompson
11:00 15.	30	Retinal Physiology	Antonio Calcagni
11:30 16.	30	ISCEV standards	Tony Robson
12:00	10	COFFEE BREAK	
12:10 17.	30	PERG clinical applications	Dorothy Thompson
12:40 18.	20	ERG clinical applications	Tony Robson
13:10.	20	Questions/Panel discussion	Faculty/participants

ISCEV Session 2 – 3rd September: Live and pre-recorded lectures. Pre-clinical and veterinary visual electrophysiology

Start time Lecture no.	Time (mins)	Live lectures	Speaker(s)
14:00 19.	25	Technical considerations in preclinical electrophysiology testing	Suresh Viswanathan
14:25 20.	25	Drug development and toxicity	Mitch Brigell
14:50	10	COFFEE BREAK	
15:00 21.	25	Retinal imaging	Mathias Seeliger
15:25 22.	25	How basic research can enhance visual diagnosis in the clinical setting.	Mineo Kondo (pre-recorded)
15:50	25	Questions/Panel discussion	Faculty/participants

Session 3 – 4th September: Live Lectures

Start time Lecture no.	Time (mins)	Live lectures	Speaker(s)
11:00 23.	30	Photometry, calibration & reference data	Ruth Hamilton
11:30 24.	30	VEP1 theory	Michael Bach
12:00	10	COFFEE BREAK	
12:10 25.	30	VEP2 clinical applications	Magella Neveu
12:40 26.	30	Electronegative ERG	Omar Mahroo
13:10	20	Questions/Panel discussion	Faculty/participants

Session 4 – 5th September: Live Lectures

Start time Lecture no.	Time (mins)	Live lectures	Speaker(s)
11:00 27.	30	Paediatric testing	Dorothy Thompson
11:30 28.	30	MfERG - theory and clinical applications	Michael Hoffmann
12.00	10	COFFEE BREAK	
12:10 29.	30	ERG in Genetics clinic	Bart Leroy
12:40 30.	30	Extended ERG protocols and Summary	Tony Robson
13:10	20	Questions/Panel discussion	Faculty/participants

Session 5 – 5th September: Live Quiz and discussion

Start time	Time (mins)	Live quiz and discussion	Speaker(s)
14:00	60	Interactive quiz and discussion	Dorothy Thompson & Faculty/participants

Session 6 – 18th September: Live Case presentations and Q&A session

Start time	Time (mins)	Live quiz and discussion	Speaker(s)
11:00	90	Case discussions & final Q&A session	Faculty/participants