

DRAFT – ISCEV Course 2013: Program 12th-13th October.

Day 1

08.00-08.30 *Registration and coffee*

08.30-09.05 Welcome, test overview and Introduction to ERG. *Graham Holder will overview the tests and describe the basics of ERG recording and generation*

09.05-10.00 Clinical ERG. *Ulrich Kellner will describe how ERG can localise retinal dysfunction to cell types and layers*

10.00-10.20 Lecture: The (electro-) negative ERG. *Graham Holder will describe the clinical implications of this finding*

10.20-10.30 Discussion

10.30-11.00 *Coffee break*

11.00-11.20 Lecture: mfERG basics. *Michael Bach*

11.20-11.45 Lecture: Clinical mfERG *Charlotte Poloschek*

11.45-12.10 Lecture: Introduction to PERG *Michael Bach will present the origin and recording of the PERG*

12.10-12.35 Lecture: Clinical Applications of PERG *Graham Holder*

12.35-12.40 Discussion

12.40-13.40 *Lunch*

13.40-14.10 Lecture: Specialized ERG techniques: ON- / OFF- and S-cone ERGs. *Chris Hogg will describe the recording and clinical applications of these responses*

14.10-14.30 Lecture: Recording and Clinical Applications of EOG. *Graham Holder*

14.30-15.15 Lecture: Technical aspects *Chris Hogg will present topics related to technical aspects of recording: amplifier and filter characteristics, sources and remedies of artefacts etc.*

15.15-15.45 Lecture: A diagnostic approach to retinal dystrophies. *Ulrich Kellner will discuss diagnostic issues.*

15.45-end Practical demonstration: *The faculty will use commercial electrophysiology systems to demonstrate visual electrophysiology techniques. Coffee will be available throughout*

19.00 *Evening event: dinner*

Day 2

08.30-09.00 Lecture: Introduction to VEP *Michael Bach will present the origin and recording of the VEP*

09.00-09.40 Lecture: Clinical VEP *Graham Holder will discuss the clinical applications of the VEP*

09.40--10.30 Lecture: Paediatric techniques. *Dorothy Thompson will discuss the uses of electrophysiology in a paediatric setting.*

10.30-10.40 Discussion

10.40-11.15 *Coffee break*

11.15-12.15 Lecture: Clinical correlations and making the diagnosis *Graham Holder will discuss the role of the tests in diagnosis, including the integration of information from several tests as appropriate.*

12.15-12.30 Discussion

12.30-13.30 *Lunch*

13.30-end Workshops: Opportunity to undertake hands-on recordings on volunteers, with guidance by members of the faculty and equipment manufacturers.