

**Provisional**  
**Moorfields/ UCL Institute of Ophthalmology**

**On-line & on-site**

**Clinical Electrophysiology of Vision Programme 2024**

**Clinical visual electrophysiology: pre-recorded talks and demonstrations – From 30th September**

| 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.          | Inherited retinal disease                    | Bart Leroy               |
| 30                          | 4.          | Acquired retinal disease                     | Antonio Calcagni         |
| 30                          | 5.          | Optic nerve disease                          | Patrick Yu Wai Man       |
| <b>Video demonstrations</b> |             |                                              |                          |
| 1                           |             | Application of the silver thread electrode   | Rebecca Baker & MEH team |
| 2                           |             | Electrode placement for retinal testing      |                          |
| 3                           |             | Skin electrode placement for retinal testing |                          |
| 4                           |             | Electrode placement for EOG testing          |                          |
| 5                           |             | Electrode placement for VEP testing          |                          |

**Live sessions**

**Session 1 – Friday 11<sup>th</sup> October: Live Lectures**

| Start time  | Lecture no. | Time (mins) | Live lectures                                         | Speaker(s)           |
|-------------|-------------|-------------|-------------------------------------------------------|----------------------|
| 10.50       |             | 10          | Welcome and Introduction to the Moorfields/UCL course | Tony Robson          |
| 11:00       | 6.          | 30          | Retinal Physiology                                    | Antonio Calcagni     |
| 11:30       | 7.          | 30          | ISCEV standards                                       | Tony Robson          |
| 12.00       |             | 10          | COFFEE BREAK                                          |                      |
| 12:10       | 8.          | 30          | EOG                                                   | Shaun Leo            |
| 12:40       | 9.          | 20          | ERG clinical applications                             | Tony Robson          |
| 13:10-13:30 |             | 20          | Questions/Panel discussion                            | Faculty/participants |

### Session 2 – Saturday 12<sup>th</sup> October: Live Lectures

| Start time<br>Lecture no. | Time<br>(mins) | Live lectures                            | Speaker(s)           |
|---------------------------|----------------|------------------------------------------|----------------------|
| 11:00 10.                 | 30             | Photometry, calibration & reference data | Ruth Hamilton        |
| 11:30 11.                 | 30             | Visual evoked potentials (part 1)        | Magella Neveu        |
| 12:00                     | 10             | <b>COFFEE BREAK</b>                      |                      |
| 12:10 12.                 | 30             | Technical issues and artefacts           | Anne Georgiou        |
| 12:40 13.                 | 30             | Visual evoked potentials (part 2)        | Magella Neveu        |
| 13:10-13:30               | 15             | Questions/Panel discussion               | Faculty/participants |

### Session 3 – Friday 18<sup>th</sup> October: Live Lectures

| Start time<br>Lecture no. | Time<br>(mins) | Live lectures                       | Speaker(s)           |
|---------------------------|----------------|-------------------------------------|----------------------|
| 11:00 14.                 | 30             | The electronegative ERG             | Omar Mahroo          |
| 11:30 15.                 | 30             | Pattern ERG (theory)                | Michael Bach         |
| 12:00                     | 10             | <b>COFFEE BREAK</b>                 |                      |
| 12:10 16.                 | 30             | Pattern ERG (clinical applications) | Dorothy Thompson     |
| 12:40 17.                 | 30             | Multifocal ERG                      | Michael Hoffmann     |
| 13:10-13:30               | 15             | Questions/Panel discussion          | Faculty/participants |

### Session 4 – Saturday 19<sup>th</sup> October: Live Lectures

| Start time<br>Lecture no. | Time<br>(mins) | Live lectures                    | Speaker(s)           |
|---------------------------|----------------|----------------------------------|----------------------|
| 11:00 18.                 | 30             | Paediatric testing               | Dorothy Thompson     |
| 11:30 19.                 | 30             | Future ERG techniques            | Omar Mahroo          |
| 12:00                     | 10             | <b>COFFEE BREAK</b>              |                      |
| 12:10 20.                 | 30             | ERG in the Genetics clinic       | Bart Leroy           |
| 12:40 21.                 | 30             | Extended ERG protocols & summary | Tony Robson          |
| 13:10-13:30               | 20             | Questions/Panel discussion       | Faculty/participants |

### Session 5 – Friday 15<sup>th</sup>/22<sup>nd</sup>/29<sup>th</sup> November: Optional practical session (on site; 1 day)

| Start time      | Time (mins) | Live quiz and discussion        | Speaker(s)                                                                      |
|-----------------|-------------|---------------------------------|---------------------------------------------------------------------------------|
| 09:30<br>10:00  | 0.5 hours   | Overview and Introduction       | Anne Georgiou<br>Magella Neveu                                                  |
| 10:00-<br>12:30 | 2.5 hours   | Practical demonstrations        | Anne Georgiou,<br>Shaun Leo<br>Rebecca Baker<br>Moorfields faculty and<br>staff |
| 12:30-<br>14:00 | 1.5 hours   | Lunch                           |                                                                                 |
| 14:00-<br>16:30 | 2.5 hours   | Practical demonstrations        |                                                                                 |
| 16:30-<br>17:00 | 30 min      | Tea and coffee/panel discussion |                                                                                 |

Please Note: All live sessions will be taught in UK time (BST).

**Session 6 – Saturday 16<sup>th</sup> November: Live Cases**

| Start time<br>Lecture no. | Time<br>(mins) | Live lectures              | Speaker(s)                                                                                    |
|---------------------------|----------------|----------------------------|-----------------------------------------------------------------------------------------------|
| 11:00                     | 15             | Case 1                     | Anne Georgiou<br>Shaun Leo<br>Antonio Calcagni<br>Magella Neveu<br>Omar Mahroo<br>Tony Robson |
| 11:15                     | 15             | Case 2                     |                                                                                               |
| 11:30                     | 15             | Case 3                     |                                                                                               |
| 11:45                     | 15             | Case 4                     |                                                                                               |
| 12:00                     | 15             | Questions/panel discussion |                                                                                               |
| 12.15                     | 10             | <b>COFFEE BREAK</b>        |                                                                                               |
| 12:30                     | 15             | Case 5                     |                                                                                               |
| 12:45                     | 15             | Case 6                     |                                                                                               |
| 13:00                     | 15             | Case 7                     |                                                                                               |
| 13:15                     | 15             | Case 8                     |                                                                                               |
| 13:30-13:45               | 15             | Questions/panel discussion |                                                                                               |