

## Advances in Eyecare: New techniques in objective assessment

### Programme References:

#### Advantages of optical coherence tomography angiography (OCTA)

- Spaide RF, Fujimoto JG, Waheed NK. Optical Coherence Tomography Angiography. Retina (Philadelphia, Pa.). 2015;35(11):2161.
- Chalam KV, Sambhav K. Optical coherence tomography angiography in retinal diseases. Journal of ophthalmic & vision research. 2016 Jan;11(1):84.
- de Carlo TE, Romano A, Waheed NK, Duker JS. A review of optical coherence tomography angiography (OCTA). International Journal of Retina and Vitreous. 2015 15;1(1):1.
- Agrawal R, Xin W, Keane PA, Chhablani J, Agarwal A. Optical coherence tomography angiography: a non-invasive tool to image end-arterial system. Expert review of medical devices. 2016

#### Benefits of electrophysiological testing

- Holder, GE. Electrophysiological assessment of optic nerve disease. Eye. 2004. 18, 1133–114
- The value of clinical electrophysiology in the assessment of the eye and visual system in the era of advanced imaging. Clinical and Experimental Optometry. 2014;97(2):99-115
- Wilsey LJ, Fortune B. Electroretinography in glaucoma diagnosis. Current opinion in ophthalmology. 2016 1;27(2):118-24.
- Maa AY, Feuer WJ, Davis CQ, Pillow EK, Brown TD, Caywood RM, Chasan JE, Fransen SR. A novel device for accurate and efficient testing for vision-threatening diabetic retinopathy. Journal of diabetes and its complications. 2016 30;30(3):524-32.

#### New systems of assessing electrophysiology

- McCulloch DL, Marmor MF, Brigell MG, Hamilton R, Holder GE, Tzekov R, Bach M. ISCEV Standard for full-field clinical electroretinography (2015 update). *Documenta ophthalmologica*. 2015 1;130(1):1-2.
- Odom JV, Bach M, Brigell M, Holder GE, McCulloch DL, Mizota A, Tormene AP, International Society for Clinical Electrophysiology of Vision. ISCEV standard for clinical visual evoked potentials:(2016 update). *Documenta Ophthalmologica*. 2016 1;133(1):1-9.
- Mohsen N, Elshazly A, Noah H, Saber H. Comparative Study of the Use of Multifocal Electroretinogram versus Visual Field Testing in Evaluating Cases of Primary Open Angle Glaucoma. *Egyptian Journal of Hospital Medicine*. 2016 1;64.