

School Seminar

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New Electrophysiological Assessment for Early Glaucoma Detection

- Date : 27 February 2019 (Wednesday)
Time : 7:30 pm – 8:30 pm
Venue : Room A122, Alumni Atrium, 1/F, A Core,
The Hong Kong Polytechnic University
CPD Credit Hour : 1 (for Optometrists)

Abstract

Glaucoma is the second leading cause of blindness. It is usually associated with the elevation of the intraocular pressure (IOP) which causes the damage to the retinal nerve cells. Early detection of glaucoma becomes an essential goal to prevent the disease progression and to provide early treatment. With our advancement of a special Multifocal electroretinogram (mfERG) paradigm, it showed up to 93% sensitivity and 95% specificity for differentiating glaucoma eyes from normal eyes. In our 4-year longitudinal study, a significant glaucomatous degeneration was diagnosed in the eyes at the last visit which initially had an abnormal changes found by our mfERG measurement. This special mfERG measurement can detect the glaucomatous changes at least 3 to 4 years before the current ophthalmic assessments in our daily clinical practice. This new visual test is a breakthrough for the early detection of glaucoma.

Enquiry:

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Online Registration:

<https://polyu.hk/OHKdV>



Registration Deadline:

20 February (Wednesday)