

School Seminar

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What are the new strategies to improve functional vision for visually impaired patients?

- Date : 15 September 2021 (Wednesday)
Time : 1:00 pm – 2:00 pm (HKT GMT+8)
Mode : ZOOM Online Meeting
(Link will be sent upon successful registration.)
CPD Credit Hour : 1 (for Optometrists; non-contact-lens-related) [Code: POLY2102]

Abstract

Current vision rehabilitation for patients with vision loss involves strategies that compensate for visual impairment, such as the use of magnifiers to magnify the reading materials or eye movement training to optimize the use of remaining vision. However, these approaches have inherent difficulties and limited effectiveness, making the rehabilitation for visually impaired patients remains challenging. Emerging evidence has demonstrated that vision can be improved by harnessing neuroplasticity using visual perceptual learning and neuro-modulation. These techniques may provide alternative treatment approaches for improving vision loss and functional performance. In this seminar, we shall discuss the potential therapeutic of these new approaches in vision rehabilitation and introduce the two randomized clinical trials recently launched in our School which are aimed to improve reading performance in patients with macular degeneration and peripheral visual function in patients with glaucoma.

Biography

Dr. Allen MY Cheong received her Bachelor's degree in Optometry from The Hong Kong Polytechnic University. She continued her graduate training in the area of low vision at the School of Optometry in Queensland University of Technology. Upon receiving her PhD, she conducted her postdoctoral work at the Wilmer Eye Institute, Johns Hopkins University and Department of Psychology at the University of Minnesota in assessing low vision patients' functional performances (reading and mobility). In 2008, she joined the School of Optometry at the Hong Kong Polytechnic University. Her primary research interest is to develop effective rehabilitation models to improve visually impaired patients' functional vision, reducing the impact of vision loss on their functional performance and quality of life.

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Online Registration:
<https://polyu.hk/tQoht>



Registration Deadline:
13 September 2021 (Mon)

Remarks: The Optometrist Board reserves the final decision on the categorisation of the topic.