LEARNING OBJECTIVES & PRESENTER BIO – WAVE 2020 – 21ST & 22ND MARCH 2020

SUNDAY 9.00am – 9.30am   **Jack Phu**

Presentation Title: **Glaucoma or Not Glaucoma - That is the Question   TX**

Summary   Mimickers of glaucoma can range considerably from relatively benign anomalies of the optic nerve configuration to diagnoses that are potentially far more sinister. This lecture will present strategies for distinguishing between glaucoma and non-glaucomatous causes of optic atrophy.

Learning Objectives:

1. Be able to recognise non-glaucomatous visual field defects and action relevant further investigations
2. Apply multimodal imaging techniques to distinguish glaucoma and non-glaucomatous optic atrophy
3. Understand the limitations of cross-sectional optical coherence tomography parameters in glaucoma diagnosis

SUNDAY 11.35am – 12.05pm   **Jack Phu**

Presentation Title: **Pre-Perimetric Glaucoma - Treat or Monitor?   TX**

Summary: Are we diagnosing glaucoma too early? Do all patients with pre-perimetric glaucoma require treatment? When and how should we treat patients with pre-perimetric glaucoma? This lecture will review some of the evidence underpinning the decision making processes in pre-perimetric glaucoma.

Learning Objectives:

1. Understand the diagnostic process of pre-perimetric glaucoma
2. Understand the natural history and progression of glaucoma
3. Understand the clinical trials for treatment of pre-perimetric glaucoma

SUNDAY 12.55pm – 1.25pm   **Jack Phu**

Presentation Title: **An Update on Recent Glaucoma-related Clinical Studies TX**

Summary: What's the optimal first line treatment for glaucoma? How should we perform gonioscopy and when is prophylactic treatment indicated in angle closure spectrum disease? How often should I be doing visual fields? These questions will be addressed using the most recent literature so that delegates will be equipped with evidence for best clinical practice.

Learning Objectives:

1. Understand the role of selective laser trabeculoplasty for treatment of glaucoma
2. Identify suitable patients for prophylactic treatment for angle closure spectrum disease
3. Apply best practice and new perimetric paradigms to optimise functional testing in glaucoma

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SUNDAY 3.30pm – 4.00pm   **Jack Phu**

Presentation Title: **Recent and Emerging Topical Therapies for Glaucoma**

Summary: Rarely are there significant paradigms shifts in therapeutic treatment modalities for glaucoma. Recent developments have eventuated in market penetration by new glaucoma medications and treatment strategies. This lecture will review some recent and emerging topical therapies for glaucoma.

Learning Objectives:

1. Compare and contrast preserved and non-preserved topical glaucoma therapy
2. Understand the actions, efficacy and safety of latanoprostene bunod
3. Understand the actions, efficacy and safety of netarsudil

JACK PHU

JACK PHU received his undergraduate optometry degree from UNSW in 2011, Masters degree from the University of Sydney in 2014 and doctorate from UNSW in 2018. He is a Fellow of the American Academy of Optometry. As a clinician-researcher, he evenly divides his time at the Centre into clinical, teaching and research roles. His clinical duties predominantly involve the care of patients with glaucoma, and he leads the angle closure disease clinic. His teaching duties include ocular diseases, therapeutics and visual neuroscience at the undergraduate and postgraduate levels. His research focuses on glaucoma, retinal disease, structure-function relationships in the eye and visual psychophysics.

He has published his research extensively in scientific journals, and he has been award numerous prizes for his research, including the Optometric Glaucoma Society Ezell Fellowship in 2016. He is also a regular contributor to the optometric profession, presenting at domestic and international clinical and scientific conferences.