DUKE NUS
GRADUATE MEDICAL SCHOOL SINGAPORE

Signature Seminar Series

Multi-Dimensional Ophthalmic Imaging for Diagnostic and Surgical Care

ABOUT THE LECTURE

Over the past two decades, the classic two-dimensional fundus image that one typically associates with the ophthalmic exam has been rapidly supplanted by newer 3D and even 4D imaging techniques. This seminar will show how 3D imaging provides critical, yet readily obtainable diagnostic information that 2D exams of the eye cannot provide. Further, research into the use of 4D imaging (3D in time) to guide ophthalmic surgery will be shown.

Speaker: ***Dr. Anthony Kuo***
Assistant Professor of Ophthalmology
Duke University School of Medicine

Host: ***Prof. Saw Seang Mei***
Head, Myopia Unit
Singapore Eye Research Institute

Date: Tuesday , 9 December 2014

Time: 12.00 PM— 1.00 PM
(Light refreshments will be served at 11.30 AM)

Venue: Duke-NUS Graduate Medical School
Amphitheatre, Level 2

Contact Person: Ms Kathleen Chan, Duke-NUS Research Affairs Department
Tel: 6516 7255 or Email: kathleen.chan@duke-nus.edu.sg

ABOUT THE SPEAKER

Anthony Kuo, M.D. is a board certified ophthalmologist at Duke University specializing in cornea and refractive surgery. He is also a clinician-scientist, receiving a NIH K23 Career Development Award to develop and translate optical coherence tomography (OCT) technologies for ophthalmic use. His current research program focuses on improving the accuracy of OCT representations of the eye for clinical use. In collaboration with Prof. Joseph Izatt and Prof. Cynthia Toth, he is also incorporating real-time volumetric imaging into ophthalmic surgery.