



Lee Shu Yen

MBBS, M Med(Ophth), FRCS(Ed), FAMS

Senior Consultant, Singapore National Eye Centre
General Cataract and Comprehensive Ophthalmology Department
Sing Health research
Singapore

Specialty: Surgical Retina, Cataract & Comprehensive Ophthalmology
Sub-specialties: Surgical Retina, Cataract & Comprehensive Ophthalmology

Clinical Associate Professor Lee is the Head of the Surgical Retina Department at the Singapore National Eye Centre and she graduated from the NUS in 1996 and obtained her post-graduate degrees for Ophthalmology in 2004 (FAMS and FRCS(Ed) (Ophth)). She completed a 2-year fellowship in vitreo-retinal surgery at the SNEC and spent a stint with Prof Ian Constable and Prof Ian MacAllister at the Lions Eye Institute, Western Australia.

Clinical Associate Professor Lee has been active in teaching and was appointed Adjunct Associate Professor with the Duke-NUS Graduate Medical School in 2008. She has also been teaching the undergraduate medical students with the Yong Loo Lin School of Medicine and is a clinical lecturer. She is also currently the President of the Singapore Society of Ophthalmology.

Clinical Associate Professor Lee's research interests are in retinal detachment, diabetic retinopathy, retinal complications of myopia, gene therapy for retinal disorders. She is an avid tennis player and is a member of the tennis team for the Singapore Medical Association as well as for the Ministry of Health.

Professional Appointments and Committee Memberships

Member, National Taskforce Against Diabetes, Ministry of Health (2016 - present)
Vice President, College of Ophthalmologists, Academy of Medicine, Singapore (2018 – 2020)
Regional Representative, Council, Asia-Pacific Academy of Ophthalmology (APAO) (2014 - present)
Council, ASEAN Ophthalmology Society (2014 - present)
Council, College of Ophthalmologists, Academy of Medicine, Singapore (2013 - present)
President, Singapore Society of Ophthalmology (2011 - present)
Core Faculty, Ophthalmology Residency Programme, SingHealth (2011 – present)
National Examiner, Ministry of Health
Chair, SNEC-SHF Research and Innovation Committee

Awards

- Distinguished Service Award, Asia-Pacific Academy of Ophthalmology (APAO) (2012)

Research Interests

- Pathological complications of myopia
- Retinal detachment
- Gene therapy for anti-VEGF therapies

Publications

Lee SY, Ong SG, Wong DWK, Ang CL. Giant retinal tear management – an Asian experience. *Eye*. 2009 Mar;23(3):601-5

Lim MC, Lee SY, Cheng BC, Wong DW, Ong SG, Ang CL, Yeo IYS. Diabetic retinopathy in diabetic referred to a tertiary centre from a nationwide screening programme. *Ann Acad Med Sing* 2008 Sep;37(9):753-9

Chen NK, Wong JS, Kee IH, Lai SH, Thng CH, Ng WH, Ng RT, Tan SY, Lee SY, Tan ME, Sivalingam J, Chow PK, Kon OL. Non-virally modified autologous primary hepatocytes correct diabetes and prevent target organ injury in a large preclinical model. *PLoS ONE* 2008 Mar 5;3(3):e1734

Lee SY, Ong SG, Wong D, Yeo KT, Ang CL. Retinal Detachment after Laser Refractive Surgery at the Singapore National Eye Centre. *Journal of Cataract and Refractive Surgery* 2006;32(3):536-538

Chooi-May Lai, Wei-Yong Shen, Meliha Brankov, Yvonne K.Y. Lai, Nigel L. Barnett, - , Ian Y.S. Yeo, Ranjana Mathur, Joseph E.S. Ho, Paul Pineda, Amutha Barathi, Chong-Lye Ang, Ian J. Constable and Elizabeth P. Rakoczy. Long-term Evaluation of AAV-Mediated sFlt-1 Gene Therapy for Ocular Neovascularization in Mice and Monkeys. *Molecular Therapy* 2005;12(4):659-668

Research Trials

Management and outcome of head and neck squamous cell carcinomas in obese patients (2007 – 2009)