

CURRICULUM VITAE - PROF CHEE SOON PHAIK

BIOGRAPHICAL

Name: Chee Soon Phaik
Title: Professor
Office Mailing Address: Singapore National Eye Centre,
11 Third Hospital Avenue, Singapore 168751
Email: chee.soon.phaik@singhealth.com.sg
Contact: (65) 9839 1863



UNDERGRADUATE QUALIFICATION

1979-1984 National University of Singapore
1984 Bachelor of Medicine and Surgery (Singapore)

POST GRADUATE TRAINING AND QUALIFICATIONS

May 1987 - Oct 1989 Basic traineeship, MOH
May 1989 - June 1989 Attachment to Tennent Institute of Ophthalmology, Glasgow
Nov 1989 Master of Medicine course
1989 MOH Scholarship for M.Med Ophthalmology
June 1989 Fellow of the Royal College of Physicians and Surgeons, Glasgow
Dec 1989 Fellow of the College of Ophthalmologists (U.K.)
Dec 1989 Master of Medicine Ophthalmology, National University of Singapore
Dec 1989 Fellow of the Royal College of Surgeons of Edinburgh
Oct 1989 - Oct 1992 Advanced traineeship

SUBSPECIALITY TRAINING

Beginning 1990 Oculoplastic, Lacrimal and Orbital Surgery
Feb 1991 - Dec 1992 Fellow to Dr Goh Swee Heng
Jan 1993 - Jul 1993 Fellow to Richard J.O. Collin, Moorfields Eye Hospital, London. (Under SNEC HMDP FY 92 Scholarship)
Jun 1992 - Present Intraocular Inflammation (Uveitis): Started Uveitis clinic, SNEC
Aug 1993 - Jan 1994 Clinical Fellow to Professor Susan L Lightman, Institute of Ophthalmology, Moorfields Eye Hospital, London. (Under MOH HMDP FY 93 Scholarship)

AWARDS

1980 Bronze Medal, First Professional Examination in medicine
1980 Beecham Book Prize for top student in Physiology in First Professional Examination
1984 First Meikie Book Prize for top results in Surgery in Four Professional Examination
1984 Ciba-Geigy Prize for overall top in medical school
2000 Best Teacher Award, SNEC
2001 The Eye Institute-Pharmacia Research Prize for Outstanding Original Paper
2012 Outstanding Clinician 2011 awarded by SingHealth
2013 Best paper of session award: Intraocular Surgery - Femtosecond Laser.
American Society of Cataract and Refractive Surgery
2013 Runner-up, Cataract Gem, 26th APACRS
2014 National Day 2014 Long Service Medal
2014 Best Cataract Gem. 27th APACRS
2015 Asia-Pacific Academy of Ophthalmology (APAO) Achievement Award
2016 American Academy of Ophthalmology, Judges' Best Pearl Winner
2016 American Academy of Ophthalmology, Audience's Best Video, Runner
2017 Asia-Pacific Academy of Ophthalmology (APAO), Judge's Best Video, Winner
2017 Asia-Pacific Academy of Ophthalmology (APAO), Audience's Best Video, Winner
2017 J AGARWAL GLOBAL ICON GOLD MEDAL
2018 American Academy of Ophthalmology, Senior Achievement Award
2018 ASCRS, Cataract Olympics, Silver and Gold Medal
2018 World Ophthalmology Congress, Cataract Olympics Freestyle, Gold Medal
2018 Asia-Pacific Association of Cataract and Refractive Surgeons, Best Surgical Tip
2019 Intraocular Implant and Refractive Society of India (IIRSI) 2019 Winter Conference, Gold Medal
2019 Intraocular Implant and Refractive Society of India (IIRSI) 2019 Winter Conference, Best Video Audience Choice
2019 Intraocular Implant and Refractive Society of India (IIRSI) 2019 Winter Conference, Best Educational Video Judges Choice

2019	ASCRS Annual Meeting 2019, Best Paper of Session (1. Refractive Target for a Diffractive Extended Depth of Field Intraocular Lens in Order to Achieve Good Unaided Distant, Intermediate, and Near-Vision; 2. Comparison of Anterior Capsulotomy Techniques: Continuous Curvilinear Capsulorhexis, Femto Laser-Assisted Capsulotomy and Selective Laser Capsulotomy)
2019	Intraocular Implant and Refractive Society of India (IIRSI) Delhi 2019, Indo-Pacific Master-Surgeons' Award
2019	Intraocular Implant and Refractive Society of India (IIRSI) Delhi 2019, Gold Medal
2020	Best Teaching Pearl (Judges choice), Top Gun Session, Bangalore Phaco Festival 2020
2020	Honorary Fellow of All India Collegium of Ophthalmology (FAICO), 7th Annual Conference of All India Ophthalmological Society
2020	American Society of Cataract and Refractive Surgery Film Festival, Best Film for Quality Education
2021	36 th Asia-Pacific Academy of Ophthalmology (APAO) Virtual Congress, Susruta Lecture Award

WORKING EXPERIENCE

Appointment as house-officer:

May - Aug 1984	Department of Medicine Unit III, Singapore General Hospital
Sept - Dec 1984	Department of Obstetrics and Gynaecology, University Unit, Kadang Kerbau Hospital
Jan - May 1985	Department of General Surgery II, Tan Tock Seng Hospital

Appointment as medical-officer:

Jun - Nov 1985	Department of General Surgery, Changi Hospital
Dec 1985 - May 1986	Department of Plastic and Reconstructive Surgery, Singapore General Hospital
Jun - Nov 1986	Community Health Service, Ministry of Health
Dec 1986 - May 1987	Department of Ophthalmology, Tan Tock Seng Hospital

Appointment as trainee in Ophthalmology:

Jun - Nov 1987	Department of Ophthalmology, Tan Tock Seng Hospital
Dec 1987 - Jun 1989	Department of Ophthalmology, Singapore General Hospital

Appointment as medical officer specialist (Ophthalmology):

Jul - Sep 1989	Department of Ophthalmology, Singapore General Hospital
----------------	---

Appointment as Registrar:

Oct 1989 - Jan 1991	Department of Ophthalmology, Singapore General Hospital
Feb 1991 - Sep 1992	Singapore National Eye Centre

Appointment as Clinical Teacher, Faculty of Medicine:

Oct 1992 – July 2000	National University of Singapore
----------------------	----------------------------------

Appointment as Senior Registrar:

Oct 1992 - Dec 1994	Singapore National Eye Centre
---------------------	-------------------------------

Appointment as Consultant:

Jan 1995 - Oct 1999	Singapore National Eye Centre
---------------------	-------------------------------

Appointment as Consultant in charge, Uveitis Service:

Jan 1995 - Jan 2000	Singapore National Eye Centre
---------------------	-------------------------------

Appointment as Dept C Deputy Head:

Apr 1997 - Jan 2000	Singapore National Eye Centre
---------------------	-------------------------------

Appointment as Mentor for Advanced Trainees in Ophthalmology:

Aug 1999 - Present	National University of Singapore
--------------------	----------------------------------

Appointment as Senior Consultant:

Nov 1999 - Present	Singapore National Eye Centre
--------------------	-------------------------------

Appointment as Head, Uveitis Service:

Feb 2000 – Mar 2019	Singapore National Eye Centre
---------------------	-------------------------------

Appointment as Head, Ocular Inflammation Research Group, Singapore Eye Research Institute:

Apr 2000 - Present To serve on the following SERI committees: Executive Committee, Scientific Projects Committee, IPR Committee and Heads of Research Groups Committee.

Appointment as Clinical Senior Lecturer, Faculty of Medicine

Oct 1989 - Jul 2000 Yong Loo Lin School of Medicine, National University of Singapore

Appointment as Associate Professor, Department of Ophthalmology

June 2003 - Present Yong Loo Lin School of Medicine, National University of Singapore

Appointed to Strategic Planning Committee

June 2008 - Present Singapore National Eye Centre

Appointed Head, Cataract Focus Group

June 2008 – July 2019 Singapore National Eye Centre

Appointed Co-Head, Cataract Service

Jan 2009 - May 2012 Singapore National Eye Centre

Appointed Co-Head, Training and Education

Jan 2009 - Dec 2009 Singapore National Eye Centre

Appointed Senior Advisor, Training and Education

2010 - 2011 Singapore National Eye Centre

Appointed Clinical Physician Faculty Member, Ophthalmology, SingHealth Residency Program

April 2011 - Mar 2014 SingHealth

Appointed Head, Cataract Subspecialty Service

June 2012 – July 2019 Singapore National Eye Centre

Appointed Associate Professor, Duke-National University of Singapore Graduate Medical School

Sept 2012 - Mar 2014 Duke-NUS, GMS

Appointed Academic Vice-Chair (Clinical & Faculty Management), Academic Clinical Program for Ophthalmology (EYE-ACP)

March 2013 - Present Singapore National Eye Centre

Appointment as Head, Cataract Research Group, Singapore Eye Research Institute:

Jan 2014 - Present To serve on the following SERI committees: Executive Committee, Scientific Projects Committee, IPR Committee and Heads of Research Groups Committee.

Appointment as Member, Management Committee, Singapore Eye Research Institute:

Jan 2014 - Present To be engaged in the review and implementation of SERI's research policies and strategies, and play an integral role in conceptualizing SERI's research framework.

Appointed Professor, Duke-National University of Singapore Graduate Medical School

April 2014 - Present Duke-NUS, GMS

Appointment as Principal Clinician Investigator, Singapore Eye Research Institute:

April 2014 - Mar 2016 Singapore Eye Research Institute

Appointment as Fellowship Director, Singapore National Eye Centre

October 2014 - Present Singapore National Eye Centre

Appointment as Chair, Medical Device Committee, SNEC and overall chair, Ministry of Health

October 2014 - Oct 2016 Singapore National Eye Centre

Appointed Member, SNEC Emergency / Disease Taskforce Committee

Jan 2015 - Dec 2017 Singapore National Eye Centre

Appointed Member, SNEC Residency Advisory Committee (RAC) for Ophthalmology

Jan 2018 - Present Singapore National Eye Centre

Appointed Member, International Intra-Ocular Implant Club (IIIC)

Jan 2018 - Present International Intra-Ocular Implant Club

Appointed Council Member, Academy of Asia-Pacific Professors of Ophthalmology (AAPPO)

Jan 2019 - 2021 Academy of Asia-Pacific Professors of Ophthalmology

Appointed Chairman, Uveitis Ophthalmology Subspecialty College of Ophthalmologist Singapore Academy of Medicine

Jan 2019 - 2022 Singapore Academy of Medicine

Appointed Member, Cataract Subspecialty Committee College of Ophthalmologist Singapore Academy of Medicine

Jan 2019 - 2022 Singapore Academy of Medicine

Appointed Editorial Board Member, Asia-Pacific Journal of Ophthalmology (APJO) – Cataract Subspecialty

Jan 2019 - 2022 Asia-Pacific Journal of Ophthalmology (APJO)

Appointed Distinguished Professor in Clinical Education in Ophthalmology, Duke-National University of Singapore (Duke-NUS)

Jan 2020 – Present Duke-NUS

Selected publications (Books)

1. SNEC Clinical Ophthalmology- An Asian Perspective 2005 Elsevier.
Editor and author for the sections on Cataract and Cataract Surgery, Corneal and External Diseases and Uveitis.
2. Editor in Chief and contributing author of “Atlas of Ocular Inflammation” 2007. Elsevier.
3. Editor in Chief and contributing author of “Atlas of Ocular Manifestations of Systemic Disease”
4. Dengue fever and the eye. Spectrum of uveitis. In : Atlas of Imaging in Ocular Inflammation. 2009
5. Dengue Maculopathy. In : Yanoff and Duker. Atlas. 2013.
6. Uveitis and Other Intraocular Inflammations: Uveitis of Unknown Causes: Pars Planitis and Other Intermediate Uveitis." In: Yannoff and Duker *Ophthalmology*. Fourth ed. St. Louis, MO: Mosby, 2014. 774-77.
7. Editor. Emerging Infectious Uveitis.
8. Ocular Manifestations of Dengue Fever. In : Uveitis Text & Imaging.

Selected publications (Papers)

1. Controversies in ocular tuberculosis. Ang M, Chee SP. Br J Ophthalmol. 2017 Jan;101(1):6-9. doi: 10.1136/bjophthalmol-2016-309531. Review.
2. Inflammatory eye disease: pre-treatment assessment of patients prior to commencing immunosuppressive and biologic therapy: Recommendations from an expert committee. Wakefield D, McCluskey P, Wildner G, Thurau S, Carr G, Chee SP, Forrester J, Dick A, Hudson B, Lightman S, Smith J, Tugal-Tutkun I; pre-treatment assessment review panel. Autoimmun Rev. 2017 Jan 27. pii: S1568-9972(17)30013-7. doi: 10.1016/j.autrev.2017.01.003. [Epub ahead of print] Review.
3. The Pattern of Uveitis in Sri Lanka. Siak J, Kumaradas M, Chee SP. Ocul Immunol Inflamm. 2017 May 24;1-6. doi: 10.1080/09273948.2017.1313991. [Epub ahead of print]
4. Capsule milking: Modification of capsulorhexis technique for intumescent cataract. Chee SP, Chan NS. J Cataract Refract Surg. 2017 May;43(5):585-589. doi: 10.1016/j.jcrs.2017.04.023.
5. Chan NS, Ti SE, Chee SP. Decision-making and management of uveitic cataract. Indian J Ophthalmol. 2017 Dec;65(12):1329-1339. doi: 10.4103/ijo.IJO_740_17. Review.
6. Loh HP, de Korne DF, Chee SP, Mathur R. Reducing wrong intraocular lens implants in cataract surgery. Int J Health Care Qual Assur. 2017 Jul 10;30(6):492-505. doi: 10.1108/IJHCQA-06-2016-0095
7. Siak J, Mahendradas P, Chee SP. Multimodal Imaging in Anterior Uveitis. Ocul Immunol Inflamm. 2017 Jun;25(3):434-446. doi: 10.1080/09273948.2017.1327601.
8. Siak J, Jansen A, Waduthantri S, Teoh CS, Jap A, Chee SP. The Pattern of Uveitis among Chinese, Malays, and Indians in Singapore. Ocul Immunol Inflamm. 2016 Jul 15:1-13
9. Hedayatfar A, Falavarjani KG, Soheilian M, Sadr NE, Modarres M, Parvaresh MM, Naseripour M, Rohani M, Almasi M, Chee SP. Mycophenolate Mofetil for the Treatment of Multiple Sclerosis-associated Uveitis. Ocul Immunol Inflamm. 2016 Jul 5:1-7.
10. Ang M, Vasconcelos-Santos DV, Sharma K, Accorinti M, Sharma A, Gupta A, Rao NA, Chee SP. Diagnosis of Ocular Tuberculosis. Ocul Immunol Inflamm. 2016 Jul 5:1-9.

11. Chee SP, Chan SN, Jap A. Comparison of Enhanced Depth Imaging and Swept Source Optical Coherence Tomography in Assessment of Choroidal Thickness in Vogt-Koyanagi-Harada Disease. *Ocul Immunol Inflamm.* 2016 Apr 12:1-5
12. Jap A, Chee SP. The role of enhanced depth imaging optical coherence tomography in chronic Vogt-Koyanagi-Harada disease. *Br J Ophthalmol.* 2016 Apr 5. pii: bjophthalmol-2015-308091.
13. Cao S, Chee SP, Yu HG, Sukavatcharin S, Wu L, Kijlstra A, Hou S, Yang P. Investigation of the association of Vogt-Koyanagi-Harada syndrome with IL23R-C1orf141 in Han Chinese Singaporean and ADO-ZNF365-EGR2 in Thai. *Br J Ophthalmol.* 2016 Mar;100(3):436-42.
14. Cunningham ET Jr, Downes KM, Chee SP, Zierhut M. Cytomegalovirus Retinitis and Uveitis. *Ocul Immunol Inflamm.* 2015;23(5):359-61.
15. Pleyer U, Chee SP. Current aspects on the management of viral uveitis in immunocompetent individuals. *Clin Ophthalmol.* 2015 Jun 5;9:1017-28.
16. Wong MH, Cheung GC, Chee SP, Mathur R. Exudative detachment as a masquerader in hypoalbuminaemic patients. *Clin Kidney J.* 2014 Aug;7(4):406-10.
17. Chee SP, Yang Y, Ti SE. Clinical outcomes in the first two years of femtosecond laser-assisted cataract surgery. *Am J Ophthalmol.* 2015 Apr;159(4):714-9
18. Lou SM, Montgomery PA, Larkin KL, Winthrop K, Zierhut M, Rosenbaum JT; Uveitis Specialists Study Group. Diagnosis and treatment for ocular tuberculosis among uveitis specialists: the international perspective. *Ocul Immunol Inflamm.* 2015 Feb;23(1):32-9.
19. Cunningham ET Jr, Rathinam SR, Albin TA, Chee SP, Zierhut M. Tuberculous uveitis. *Ocul Immunol Inflamm.* 2015 Feb;23(1):2-6.
20. Ang M, Nguyen HV, Kiew SY, Chen S, Chee SP, Finkelstein E. Cost-effectiveness of alternative strategies for interferon- γ release assays and tuberculin skin test in tuberculous uveitis. *Br J Ophthalmol.* 2015 Jul;99(7):984-9.
21. Tan AH, Chee SP. Malignant uveitis masquerade syndrome. *Am J Respir Crit Care Med.* 2014 Oct 1;190(7):e24-5.
22. Wong MH, Cheung GC, Chee SP. Posterior segment findings of ocular cytomegalovirus infection in immunocompetent patients. *Graefes Arch Clin Exp Ophthalmol.* 2014 Nov;252(11):1811-6.
23. Ang M, Kiew SY, Wong WL, Chee SP. Discordance of two interferon- γ release assays and tuberculin skin test in patients with uveitis. *Br J Ophthalmol.* 2014 Dec;98(12):1649-53.
24. Ang M, Ng X, Wong C, Yan P, Chee SP, Venkatraman SS, Wong TT. Evaluation of a prednisolone acetate-loaded subconjunctival implant for the treatment of recurrent uveitis in a rabbit model. *PLoS One.* 2014 May 19;9(5):e97555.
25. Hedayatfar A, Chee SP. Posner-Schlossman syndrome associated with cytomegalovirus infection: a case series from a non-endemic area. *Int Ophthalmol.* 2014 Oct;34(5):1123-9.
26. Ang M, Wong WL, Kiew SY, Li X, Chee SP. Prospective head-to-head study comparing 2 commercial interferon gamma release assays for the diagnosis of tuberculous uveitis. *Am J Ophthalmol.* 2014 Jun;157(6):1306-14; 1314.e1-4.
27. Hedayatfar A, Hashemi H, Asgari S, Chee SP. Comparison of efficacy and ocular surface toxicity of topical preservative-free methylprednisolone and preserved prednisolone in the treatment of acute anterior uveitis. *Cornea.* 2014 Apr;33(4):366-72.

Research Interests

Prof Chee's research interests in cataract include the management of complicated cataracts such as the posterior polar cataract, subluxated cataracts, advanced cataracts, premium intraocular lens implants and femtosecond laser assisted cataract surgery. She is also known for inventing a number of surgical instruments for the management of complex cataract surgeries.

Named lectures

1. President's Lecture at the International Ocular Inflammation Society Meeting in conjunction with FOIS, 3rd assembly. (one of 6 lectures), 2015
2. Lim Lecture at the 30th Asia Pacific Association of Cataract & Refractive Surgeons (APACRS), 2017
3. The Eye Foundation - Dr Harold Ridley Oration in Cataract Surgery in Coimbatore, India, 2017
4. Dr Anila Khunteta Oration lecture Gold Medal in Ajmer, Rajasthan Ophthalmological Society Congress of Ophthalmology, 2018
5. President's Guest Lecture at the 7th Annual Conference of All India Ophthalmological Society, 2020

Appointed Editorial Board

- Asia Pacific Journal of Ophthalmology 1994-2005
- Japanese Journal of Ophthalmology Since 2005
- International Ophthalmology Since 2006

- Asia-Pacific edition of Eye World June 2005
- Asia-Pacific edition of Ocular Surgery New June 2009
- Ocular Inflammation and Immunology June 2009
- Journal of Ophthalmic Inflammation and Infection June 2010 till present
- Journal of Cataract and Refractive Surgery May 2012 till present

KEY OPINION LEADER FOR COMMERCIAL COMPANIES

1. Bausch + Lomb Technolas
2. Hoya Medical Singapore Pte Ltd
3. Alcon Laboratories
4. AbbVie Pte Ltd
5. Santen Pharmaceutical
6. Allergan Inc
7. Carl Zeiss Meditec
8. Johnson & Johnson Vision
9. Gilead Sciences
10. Leica Microsystems Inc
11. Ziemer Ophthalmics AG, Switzerland