

**Journal publications (\* denotes corresponding authorship):**

1. Hong K, **Wong IY**, Singh K, Chang RT. Corneal Biomechanics Using a Scheimpflug-Based Noncontact Device in Normal-Tension Glaucoma and Healthy Controls. *Asia Pacific J Ophthalmol*, IN PRESS.
2. **Wong IY**, Ni MY, Wong IOL, Fong N, Leung GM. Saving sight in China and beyond: the Lifeline Express model. *BMJ Glob Health*. 2018 Aug 16;3(4):e000766. doi: 10.1136/bmjgh-2018-000766.
3. Fu L, Fung FK, Lo AC, Chan YK, So KF, **Wong IY**, Shih KC, Lai JS. Transcorneal electrical stimulation inhibits retinal microglial activation and enhances retinal ganglion cell survival after acute ocular hypertensive injury. *Transl Vis Sci Technol*, May 2018, Vol.7, 7. doi:10.1167/tvst.7.3.7.
4. **Wong IY\***, Shi X, Gangwani R, Iu LP, Fung N, Li Q, Ng AL, Li XX. 1-year results of half versus standard dose photodynamic therapy combined with ranibizumab for polypoidal choroidal vasculopathy. *Retina*, 2018 Apr;38(4):725-730. doi: 10.1097/IAE.0000000000001614.
5. Ting DSW, Cheung CY, Lim G, Tan GSW, Quang ND, Gan A, Hamzah H, Garcia-Franco R, San Yeo IY, Lee SY, Wong EYM, Sabanayagam C, Baskaran M, Ibrahim F, Tan NC, Finkelstein EA, Lamoureux EL, **Wong IY**, Bressler NM, Sivaprasad S, Varma R, Jonas JB, He MG, Cheng CY, Cheung GCM, Aung T, Hsu W, Lee ML, Wong TY. Development and Validation of a Deep Learning System for Diabetic Retinopathy and Related Eye Diseases Using Retinal Images From Multiethnic Populations With Diabetes. *JAMA* 2017 Dec 12;318(22):2211-2223. doi: 10.1001/jama.2017.18152.
6. Iu LPL, Fan MCY, Lam WC, **Wong IY\***. Repeated intraocular crystallization of ganciclovir in one eye after bilateral intravitreal injections: a case report. *BMC Ophthalmol*. 2018 Feb 9;18(1):36. doi:0.1186/s12886-018-0703-8.
7. Wong RL, Wong DS, McGhee S, Lam CH, Lian J, Lee JW, Lai JS, Chong V, **Wong IY\***. Are we using our public resources cost-effectively? The false positive rate of the fundus photographic Diabetic Macular Edema Screening. *Hong Kong Med J*, 2017 Aug;23(4):356-64. doi: 10.12809/hkmj166078.
8. Zhu D, Wang Y, Zheng YF, Yang DY, Guo K, Yang XR, Jing XX, **Wong IY**, You QS, Tao Y, Jonas JB. Choroidal thickness in school children: The Gobi Desert Children Eye Study. *PLOS One*, 2017 Jun 15;12(6):e0179579. doi: 10.1371/journal.pone.0179579.
9. Iu LP, Fan MC, **Wong IY\***. Whitish foveal lesion in a patient with acute lymphoblastic leukemia after hematopoietic stem cell transplantation. *Retina*, 2017 Jun 23. doi: 10.1097/IAE.0000000000001751.
10. Ng ALK, Chow LS, Chow SL, Choy BNK, Shih KSC, **Wong IY**, Chan JCH, Lai JSM. A cross-sectional comparative study on chronic ocular manifestations of Stevens- Johnson Syndrome and Toxic Epidermal Necrolysis in Chinese Eyes: a 15-year case series. *Int Ophthalmol*, 2017 May 25. 2017 May 25. doi: 10.1007/s10792-017-0576-5.
11. Ng ALK, Choy BNK, Chan TCY, **Wong IY**, Lai JSM, Mok MY. Comparison of tear osmolarity in rheumatoid arthritis patients with and without secondary Sjogren syndrome. *Cornea*, 2017 Jul;36(7):805-809. doi: 10.1097/ICO.0000000000001227.
12. **Wong IY\***, Shi X, Gangwani R, Iu LP, Fung N, Li Q, Ng AL, Li XX. 1-year results of half versus standard dose photodynamic therapy combined with ranibizumab for polypoidal choroidal vasculopathy. *Retina*, 2018 Apr;38(4):725-730. doi: 10.1097/IAE.0000000000001614.

13. Chan TC, Ng AL, Chan K, Cheng GP, **Wong IY**, Jhanji V. Combined application of prophylactic corneal crosslinking and laser in-situ keratomileusis – A review of literature. *Acta Ophthalmol*, 2016 Dec 2. [Epub ahead of print].
14. Iu LP, Lee R, Fan CM, Lam WC, Chang RT, **Wong IY\***. Serial spectral-domain optical coherence tomography findings in acute retinal pigment epitheliitis and the correlation to visual acuity. *Ophthalmology*, 2017 Jun;124(6):903-909.
15. Cheung JJ, **Wong IY**. Thyroid eye disease: endocrinologist, endocrine surgeon, and ophthalmologist perspectives. *Hong Kong J Ophthalmol* 2017;21(1):5-6.
16. Iu LP, Lai CH, Fan MC, **Wong IY**, Lai JS. Screening for retinopathy of prematurity and treatment outcome in a tertiary hospital in Hong Kong. *Hong Kong Med J* 2017 Feb;23(1):41-7.
17. Mak RK, Chan TC, Marcet M, Choy BN, Shum JW, Shih KC, **Wong IY**, Ng AL. Use of anti-vascular endothelial growth factor in the management of pterygium. *Acta Ophthalmol* 2017 Feb;95(1):20-27.
18. Poon MW, Jiang D, Qin P, Zhang Y, Qiu B, Chanda S, Tergaonkar V, Li Q, **Wong IY**, Yu Z, Tse HF, Wong DS, Lian Q. Inhibition of NUCKS Facilitates Corneal Recovery Following Alkali Burn. *Sci Rep*. 2017 Jan 20;7:41224.
19. Wat N, Wong RL, **Wong IY**. Associations between diabetic retinopathy and systemic risk factors. *Hong Kong Medical J* 2016 Dec;22(6):589-99.
20. **Wong IY\***, Iu PL, Lai CH. A simple modification to the 25-gauge trocar and cannula system for retinopathy of prematurity related lens-sparing vitrectomy. *BMC Ophthalmol* 2016 Apr 12;16:38.
21. Iu PL, Fan MC, Lau JK, Chan TS, Kwong YL, **Wong IY\***. Long-term follow-up of cytomegalovirus retinitis in non-HIV patients: clinical features and factors that predict visual outcome. *Am J Ophthalmol* 2016 May;165:145-53.
22. **Wong IY\***. Cytomegalovirus retinitis – a local perspective. *Hong Kong J Ophthalmol* 2016;20(2): 45-46.
23. Chiang V, Shih KC, Lai SM, **Wong IY**. Sudden vision loss after repeated retching: a case of Valsalva retinopathy. *Hong Kong J Ophthalmol* 2016;20(2):84-87.
24. Zheng F, Jang WC, Fung FK, Lo ACY, **Wong IY\***. Up-regulation of alpha-enolase (ENO1) by HIF-1 $\alpha$  in retinal pigment epithelial cells after hypoxic challenge is not involved in the regulation of VEGF secretion. *PLOS ONE* 2016 Feb;11(2):e0147961.
25. Shum J, Iu LP, Cheung D, **Wong IY\***. A case of accidental ocular injury from cosmetic laser burn. *Retin Cases Brief Rep*, 2016 Spring;10(2):115-20.
26. Lee R, Chang R, **Wong IY**, Lai JS, Lee JW, Singh K. Assessment of corneal biomechanical parameters in myopes and emmetropes using the Corvis ST. *Clin Exp Optom* 2016 Mar;99(2):157-62.
27. **Wong IY\***. A new home for the Hong Kong Journal of Ophthalmology. *Hong Kong J Ophthalmol* 2016;20(1): 5-6.
28. Chan TC, Lau TW, Lee JW, **Wong IY**, Jhanji V, Wong RL. Corneal Collagen Cross-linking for Infectious Keratitis: An Update of Clinical Studies. *Acta Ophthalmol*, 2015 Dec;93(8):689-96.
29. **Wong IY\***. The Hong Kong Journal of Ophthalmology – the way forward. *Hong Kong J Ophthalmol*, 2015;19(1):6-7.
30. Wong RL, Lok JK, Iu LP, Lee JW, Chan TC, and **Wong IY\***. Reticular drusen in a Chinese population. *Hong Kong J Ophthalmol*, 2015;19(1):16-20.
31. Wong KH, Lau KP, Tao Y, Chhablani J, **Wong IY\***. Central serous chorioretinopathy: what we have learnt so far. *Acta Ophthalmol*, 2015 Jul 1. doi: 10.1111/aos.12779.

32. Lee R, Chang RT, **Wong IY**, Lai JS, Lee JW, Singh K. Novel parameter of corneal biomechanics that differentiate normals from glaucoma. *J Glaucoma*, 2015 Jun 16.
33. **Wong IY\***, Shi X, Gangwani R, Zhao P, Iu PL, Li Q, Ng A, Li XX. 1-year results of combined half-dose photodynamic therapy and ranibizumab for polypoidal choroidal vasculopathy. *BMC Ophthalmol*, 2015 Jun 30;15:66. doi: 10.1186/s12886-015-0061-8.
34. Ng AL, To KK, Choi CC, Yuen LH, Yim SM, Chan KS, Lai JS, **Wong IY\***. Predisposing factors, microbial characteristics and clinical outcome of microbial keratitis in a tertiary centre in Hong Kong: a 10-year experience. *J Ophthalmol*, 2015;769436. doi: 10.1155/2015/769436. Epub 2015 Jun 18.
35. Chan TS, Cheung CY, Yeung IY, Hwang YY, Gill H, **Wong IY**, Kwong YL. Cytomegalovirus retinitis complicating combination therapy with rituximab and fludarabine. *Annals of Hematology*. 2015 Jun;94(6):1043-7.
36. Chan GC, Yap DY, Kwan LP, Chan JF, Iu LP, **Wong IY**, Tang SC. Progressive outer retinal necrosis in a renal transplant recipient: a rare treatment success. *Transpl Infect Dis*. 2015 Jun;17(3):396-9.
37. Lau T, **Wong IY\***, Iu LP, Chhablani J, Tao Y, Koizumi H, Lee JW, Wong RL. En-Face Optical Coherence Tomography in the Diagnosis and Management of Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy. *Indian J Ophthalmol*, 2015 May;63(5):378-83.
38. Yau GS, Lee JW, Tam VT, Yip S, Cheng E, Liu CC, Chu BC, **Wong IY**. Incidence and risk factors for retinopathy of prematurity in multiple gestations: a Chinese population study. *Medicine (Baltimore)*. 2015 May;94(18):e867.
39. Hou XR, Miao H, Tao Y, Li XX, **Wong IY**. Expression of cytokines on the iris of patients with neovascular glaucoma. *Acta Ophthalmol*, 2015 Mar;93(2):e100-4.
40. Lee JW, Wong RL, Chan JC, **Wong IY**, Lai JS. Differences in corneal parameters between normal tension glaucoma and primary open angle glaucoma. *International Ophthalmology*, 2015 Feb;35(1):67-72.
41. Poon MW, Yan LM, Jiang D, Qin P, Tse HF, **Wong IY**, Wong D, Tergaonkar V, Lian Q. Inhibition of RAP1 Enhances Corneal Recovery Following Alkali Injury. *IOVS*, 2015 Jan 8;56(2):711-21.
42. Woo TW, Lee JW, Yau GS, Yip S, Wong JK, Wong RL, **Wong IY**. Cross-sectional Study of the Retinal Nerve Fiber Layer Thickness at 7 Years after an Acute Episode of Unilateral Primary Acute Angle Closure. *Medicine (Baltimore)*. 2015 Jan;94(2):e391.
43. Wong RL, Lee JW, Yau GS, **Wong IY\***. Relationship between outer retinal microstructure changes and visual acuity in diabetic macular edema. *Biomed Res Int*, 2015;2015:981471. doi: 10.1155/2015/981471.
44. Yau GS, Lee JW, Woo T, Wong RL, **Wong IY**. Central Macular Thickness in Children with Myopia, Emmetropia, and Hyperopia: an Optical Coherence Tomography Study. *Biomed Res Int*, 2015;2015:847694.
45. Lee JW, Liu CC, Chan JC, Wong RL, **Wong IY**, Lai JS. Predictors of success in selective laser trabeculoplasty for primary open angle glaucoma in Chinese. *Clinical Ophthalmology*. 2014 Sep 9;8:1787-1791.
46. Cheung CY, **Wong IY**, Yan KW, Kwong YL. Cytomegalovirus oral lesions: harbinger of retinitis in the absence of viraemia. *Annals of Hematology*, 2014 Sep;93(9):1613-1615.
47. Chow LL, Chow SS, Wong RL, Zhao P, Lee JL, Chan CW, Li KK, **Wong IY\***. The use of optical coherence tomography in the assessment of diabetic retinopathy and maculopathy – A Review. *Hong Kong J Ophthalmol* 2014;18(1):4-13.

48. Iu LP, Zhao P, Yeung IY, Fung NS, Lee JW, Wong RL, Chong, V, **Wong IY\***. Sequential therapy with ranibizumab and dexamethasone intravitreal implant is better than dexamethasone monotherapy for macular oedema due to retinal vein occlusion. *Br J Ophthalmol*, 2014 Feb;99(2):210-4.
49. Chhablani J, **Wong IY**, Kozak I. Choroidal imaging: A review. *Saudi J Ophthalmol*. 2014 Apr;28(2):123-8.
50. Cheung N, **Wong IY**, Wong TY. Ocular anti-vascular-endothelial-growth factor therapy for diabetic retinopathy: overview of clinical efficacy and evolving applications. *Diabetes Care*, 2014 Apr;37(4)900-905.
51. Veckeneer M, Mohr A, Alharthi E, Azad R, Bashshur ZF, Bertelli E, Bejjani RA, Bouassida B, Bourla D, Crespo IC, Fahed C, Fayyad F, Mura M, Nawrocki J, Rivett K, Scharioth GB, Shkvorchenko DO, Szurman P, Van Wijck H, **Wong IY**, Wong DS, Frank J, Oellerich S, Bruinsma M, Melles GR. Novel 'heavy' dyes for retinal membrane staining during macular surgery: multicenter clinical assessment. *Acta Ophthalmol*, 2014; 92:339-344.
52. Lee JW, Wong BK, Yick DW, **Wong IY**, Yuen CY, Lai SM. Primary acute angle closure: long-term clinical outcomes over a 10-year period in the Chinese population. *Int Ophthalmol*. 2014 Apr; 34(2):165-169.
53. Jin ZY, Zhu D, Tao Y, **Wong IY**, Jonas JB. Meta-Analysis of the Effect of Intravitreal Bevacizumab Versus Intravitreal Triamcinolone Acetonide in Central Retinal Vein Occlusion. *J Ocul Pharmacol Ther*, 2013 Nov;29(9):826-31.
54. **Wong IY\***, JK Lam, Cebulla CM. A case of monoclonal gammopathy of undetermined significance with bilateral subretinal lesions – Diagnostic and Therapeutic Challenge. *Retina*, 2013 May;33(5):1076-80.
55. **Wong IY\***, Wong RL, Zhao P, Lai WW. Choroidal thickness in relation to hypercholesterolemia on enhanced depth imaging optical coherence tomography. *Retina*, 2013 Feb;33(2):423-8.
56. Lau TW, **Wong IY\***. Progressive outer retinal necrosis in a non-AIDS patient – Diagnostic and Therapeutic Challenge. *Retina*. 2012 Sep;32(8):1674-77.
57. **Wong IY\***, Iu LP, Koizumi H, Lai WW. The inner segment/outer segment junction: what have we learnt so far? *Curr Opin Ophthalmol*. 2012 May;23(3):210-8.
58. Gill H, Cheung J, **Wong IY**, Lie AK, Kwong YL. Varicella zoster virus progressive outer retinal necrosis after allogeneic haematopoietic stem cell transplantation. *Br J Haematol*. 2012 May;157(3):279.
59. **Wong IY\***, Koizumi H, Lai WW. Enhanced depth imaging optical coherence tomography – a review. *Ophthalmic Surg Lasers Imaging*. 2011 Jul;42 Suppl:S75-84.
60. **Wong IY\***, Ko KL, Koo CY, Yuen SY, Chan WN. Intravitreal ranibizumab for neovascular glaucoma: an interventional case series. *Hong Kong Journal of Ophthalmology*, 2010;15:6-11.
61. **Wong IY\***, Poon MW, Pang RT, Lian Q, Wong D. Promises of stem cell therapy for retinal degenerative diseases. *Graefes Arch Clin Exp Ophthalmol* 2011 Oct;249(10):1439-48.
62. Ng DS, **Wong IY**, Chan CW. Reemergence of syphilitic uveitis masquerading as other diseases: a report of two cases. *Case Report Ophthalmol*. 2011 May;2(2):266-72.
63. **Wong IY\***, Koo CY, Chan WN. Bevacizumab for Central Serous Chorioretinopathy. *Retina*. 2011 Jan; 31(1):198-199.
64. **Wong IY\***, Koo CY, Chan WN. Prevention of age-related macular degeneration – a review. *Int Ophthalmol*. 2011 Jan;31:73–82.

65. **Wong IY\***, Koo CY, Chan WN. Recurrent and Consecutive Non-Arteritic Optic Neuropathy in a patient with Protein S Deficiency. *Hong Kong Med J.* 2010 Dec;16(6):480-3.
66. **Wong IY\***. Bevacizumab and triamcinolone for branch vein occlusion. *Korean J Ophthalmol.* 2010 Jun;24(3):192-193.
67. **Wong IY\***, Koo CY, Chan WN. Pegaptanib for branch retinal vein occlusion. *Am J Ophthalmol.* 2010 Jul;150(1):129.
68. **Wong IY\***, Wong CM, Chan WN. Relationship between Age and Peripapillary Retinal Nerve Fibre Layer Thickness: an Optical Coherence Tomography Study. *Hong Kong Med J.* 2010;16:265-8.
69. **Wong IY\***, Koo CY, Chan WN. Treatment of Branch Retinal Vein Occlusion with Bevacizumab. *Retina* 2010;30(4):710.
70. **Wong IY\***, Yuen SY, Chan WN. Optical Coherence Tomography study of post acute primary angle closure attacked eyes with normal visual field. *Ophthalmic Surgery, Lasers and Imaging.* 2010;41: 41:96-99.
71. Li KK, **Wong IY**. Interaction of Optical Coherence Tomography and Fundus Fluorescein Angiography in Vitreoretinal Diseases with Emphasis in Diabetic Retinopathy. *Highlights of Ophthalmology* 2008;36(6):2-7.

#### **Book Chapters:**

1. **Wong IY**, Wong D. Special Adjuncts to Treatment, page 1957-2007. In: *Schachar A, Retina 6th Edition.* Elsevier, 2017.
2. Wong RL, Ho WL, Koizumi H, **Wong IY**. Imaging and diagnosis of polypoidal choroidal vasculopathy, page 349-370. In: *Chhablani J & Ruiz-Medrano J, Choroidal Disorders.* Elsevier, 2017.
3. Wong RL, Chan TC, **Wong IY**, Lee JW. Infectious Keratitis and Collagen Cross-Linking. In *Hogarth, A (Ed.), Recent Advances in Eye Research, page 145-166.* Hauppauge, New York: Nova Science, 2015
4. **Wong IY**, Cheng N, Wong D. Physiology of Vitreous Substitutes. In: Sebag J, *Vitreous in Health & Disease*, p537-552. Springer 2014.
5. **Wong IY**, Wong D. Special Adjuncts to Treatment, page 735-1783. In: Ryan SJ, *Retina*, 5th Edition. Elsevier 2013.
6. **Wong IY**, Wong D. Retinal Slippage, p177-182. In: Lois N, Wong D, *Complications of Vitreo-Retinal Surgery.* Lippincott Williams & Wilkins 2013.
7. Lo AC, **Wong IY**. Nutritional supplement use and age-related macular degeneration. In: Ying GS, *Age Related Macular Degeneration – The Recent Advances in Basic Research and Clinical Care.* Intech 2012.