

WILLS EYE PUBLICATIONS LIST – SEPTEMBER 2025

(*A Wills Eye affiliation search function was used in PubMed to populate the list below. Any manuscripts published under a different affiliation and/or not present on PubMed were not included in this list unless specifically requested by the authors.)

1. Five-year outcomes of a Schlemm's canal microstent (Hydrus Microstent) with cataract surgery in open angle glaucoma: real-world results. **Salimi A**, Matar B, Harasymowycz P. *Can J Ophthalmol*. 2025 Sep 27:S0008-4182(25)00406-5. doi: 10.1016/j.jcjo.2025.09.009. Online ahead of print. PMID: 41027555
2. Epiretinal Membrane Progression Following Cataract Surgery. **Momenaei B, Shahlaee A**, Nguyen MK, Yu J, Martin J, Israilevich R, **Fineman MS, Regillo CD, Gupta OP, Kaiser RS, Ho AC, Hsu J**. *J Vitreoretin Dis*. 2025 Sep 25:24741264251367126. doi: 10.1177/24741264251367126. Online ahead of print. PMID: 41020169 **Free PMC article**
3. Analyzing Trends in the Pediatric Ophthalmology Workforce From 2016 to 2024. **Adhan IK, Sussberg RM, Nelson LB**, Lee KE, Lam LJ. *Pediatr Ophthalmol Strabismus*. 2025 Sep-Oct;62(5):321-325. doi: 10.3928/01913913-20250619-05. Epub 2025 Sep 1. PMID: 41001878
4. A Comparative Analysis of the Economic and Workforce Issues in Pediatric Ophthalmology in Italy and the United States Post-Pandemic. **Lam L, Nelson LB**, Vagge A, Nucci P, Lembo A, **Sussberg JA**, Lee KE. *J Pediatr Ophthalmol Strabismus*. 2025 Sep-Oct;62(5):326-331. doi: 10.3928/01913913-20250619-04. Epub 2025 Sep 1. PMID: 41001877
5. Non-invasive detection of choroidal melanoma via tear-derived protein corona on gold nanoparticles: a machine learning approach. Rakhshandeh H, Nasiraei A, Riazi-Esfahani H, **Masoomian B**, Ghassemi F, Arjmand M, Keshel SH, Atyabi F, Dinarvand R. *Sci Rep*. 2025 Sep 25;15(1):32829. doi: 10.1038/s41598-025-17835-z. PMID: 40998935 **Free PMC article.**
6. Rates and Risk Factors for Failure After Corneal Collagen Crosslinking for Keratoconus: An IRIS Registry Analysis. **Hwang B, Acharya B, Tomaiuolo M, Zhang Q, Chang CY, Rapuano CJ, Hyman L, Syed ZA**; IRIS Registry Analytic Center Consortium. *Cornea*. 2025 Sep 25. doi: 10.1097/ICO.0000000000003970. Online ahead of print. PMID: 40995987
7. The Impact of Myopia on Regional Visual Field Loss and Progression in Glaucoma. Lokhande A, Song L, Pang Y, Luo Y, Pasquale LR, Wellik SR, De Moraes CG, **Myers JS**, Eslami M, Elze T, Shen LQ, Zebardast N, Friedman DS, Boland MV, Wang M. *Transl Vis Sci Technol*. 2025 Sep 2;14(9):34. doi: 10.1167/tvst.14.9.34. PMID: 40990860 **Free PMC article.**
8. Chronic poppers maculopathy: Case report and literature comparison of chronic and acute use. **Cappellani F**, Gagliano C, **Pulido JS**. *Medicine (Baltimore)*. 2025 Sep 19;104(38):e44079. doi: 10.1097/MD.00000000000044079. PMID: 40988267 **Free PMC article.** Review.
9. Clinical trials and quasi-experimental studies in the treatment of noninfectious retinal vasculitis: A Systematic Review from the International Uveitis Study Group (IUSG) Retinal Vasculitis Study (ReViSe) - Report 4. Saboya-Galindo P, Cifuentes-González C, Rojas-Carabali W, Mejía-Salgado G, Le Tong Y, Putera I, Song XYR, Walter CFY, Shengjuan Z, Chan R, La Distia Nora R, Biswas J, Gangaputra S, **Pulido JS**, Kempen JH, Nguyen QD, de-la-Torre A, Gupta V, Rosenbaum JT, Agrawal R; REVISE-IUSG study group. *Surv Ophthalmol*. 2025 Sep 20:S0039-6257(25)00173-0. doi: 10.1016/j.survophthal.2025.09.013. Online ahead of print. PMID: 40983164 Review.

10. Economics of corneal cross-linking for keratoconus treatment. **Rapuan CJ**, Lindstrom RL, Donnenfeld E, Berdahl JP, Thompson V, Kratochvil D, Carter JJ. *Med Econ.* 2025 Dec;28(1):1696-1708. doi: 10.1080/13696998.2025.2564576. Epub 2025 Sep 29. PMID: 40981503
11. Post-pandemic changes in demographics and outcomes of children at an inner-city vision outreach program: Give Kids Sight Day. **Williamson JE 3rd, Lam L**, Spitofsky NR, Zaloga AR, Vemula S, Baldassarre G, **Flanagan S, Elias RJ, Schnall BM, Gunton KB, Wasserman BN**. *J AAPOS.* 2025 Sep 18:104638. doi: 10.1016/j.jaapos.2025.104638. Online ahead of print. PMID: 40975389
12. Work-up in patients with retinal vasculitis: A systematic review and meta-analysis: International Uveitis Study Group (IUSG) Retinal Vasculitis Study (ReViSe) Report 2. Cifuentes-González C, Putera I, Walter CFY, Mejía-Salgado G, Le Tong Y, Chan R, Rojas-Carabali W, Song XYR, Mobasserian A, Nora RD, Biswas J, Gangaputra S, **Pulido JS**, Kempen JH, Nguyen QD, de-la-Torre A, Gupta V, Rosenbaum JT, Agrawal R; REVISE-IUSG study group. *Surv Ophthalmol.* 2025 Sep 17:S0039-6257(25)00175-4. doi: 10.1016/j.survophthal.2025.09.011. Online ahead of print. PMID: 40972796 Review.
13. Clinical Benefits of Preservative-Free Treatment for Glaucoma with a Focus on Preservative-Free Latanoprost. Dhaliwal DK, Shukla AG, Paul Singh I, **Syed ZA**, White DE. *Ophthalmol Ther.* 2025 Sep 19. doi: 10.1007/s40123-025-01241-9. Online ahead of print. PMID: 40971068 Review.
14. Clinical Characteristics and Long-Term Outcomes of Eyes With Neovascular Age-Related Macular Degeneration Requiring Frequent Treatment. **Salabati M, Garrigan H, Momenaei B, Wakabayashi T**, Wong JC, **Patel D, Mahmoudzadeh R, Mansour HA, Ammar M, Xu D, Regillo CD**. *J Vitreoretin Dis.* 2025 Sep 16:24741264251371007. doi: 10.1177/24741264251371007. Online ahead of print. PMID: 40970228 **Free PMC article.**
15. Visual outcomes associated with optical coherence tomography biomarkers in diabetic macular edema: A systematic review. Nanji K, Hatamnejad A, Grad J, El-Sayes A, Mihalache A, Gemae M, Huang R, Phillips M, Zeraatkar D, Singh R, Munk MR, Sadda SR, Sarraf D, Kaiser P, Guymer R, Sivaprasad S, Fraser-Bell S, Tham YC, **Garg SJ**, Wong TY, Wykoff CC, Chaudhary V. *Surv Ophthalmol.* 2025 Sep 17:S0039-6257(25)00176-6. doi: 10.1016/j.survophthal.2025.09.009. Online ahead of print. PMID: 40967513 Review.
16. Lack of Complications of High-Dose Intravitreal Topotecan for Recurrent Retinoblastoma in 81 Consecutive Injections. **Shields CL, Medina RJ, Attaseth T, Lally SE**. *Retina.* 2025 Sep 11. doi: 10.1097/IAE.0000000000004678. Online ahead of print. PMID: 40953406
17. Enucleation of an Eye with Potential High-Risk Retinoblastoma is Currently Important for Patient Survival. **Shields CL, Lally SE**, Shah AC. *Retina.* 2025 Sep 10. doi: 10.1097/IAE.0000000000004673. Online ahead of print. PMID: 40953319 No abstract available.
18. Real-World Incidence and Management of Ocular Hypertension Following Suprachoroidal Triamcinolone Acetonide Injection for Macular Edema in Noninfectious Uveitis. **Hamdan SA, Zafar S**, Nassur JA, **Yonekawa Y, Kuriyan AE, Dunn JP, Cohen MN, Hsu J, Regillo CD, Garg SJ, Xu D, Klufas M, Deaner JD**. *Retina.* 2025 Sep 10. doi: 10.1097/IAE.0000000000004677. Online ahead of print. PMID: 40953314
19. Management and Surgical Outcomes of Tractional Retinal Detachment Associated With Ocular Syphilis. **Rodriguez L**, Maywood M, **Yonekawa Y**, Faia LJ, **Deaner JD**. *Ophthalmic Surg Lasers Imaging Retina.* 2025 Sep 12:1-8. doi: 10.3928/23258160-20250724-01. Online ahead of print. PMID: 40952684

20. Proteomic Characterization of the Rhesus Macaque Lens Nucleus: Similarity to Human Lens, Age Effects on Protein Solubility, and Trends in Post-Translational Modifications. Hayden BL, Kelley O, Zientek K, Reddy AP, Wilmarth PA, Munds R, Montague MJ, Martinez MI, **Wollstein G**, Higham JP, Barron Arrambide AO, Danias J, Melin AD, David LL, Whitson JA. *Invest Ophthalmol Vis Sci.* 2025 Sep 2;66(12):28. doi: 10.1167/iov.66.12.28.PMID: 40938073 **Free PMC article.**
21. Post-traumatic myelin oligodendrocyte glycoprotein antibody optic neuritis: A case report. **Hamdan SA**, Nassur JA, **Thornton S**. *Am J Ophthalmol Case Rep.* 2025 Aug 20;39:102409. doi: 10.1016/j.ajoc.2025.102409. eCollection 2025 Sep. PMID: 40933085 **Free PMC article.**
22. Pseudoexfoliation-Related Aqueous Misdirection in a Pseudophakic Eye. **Farrell L, Brettin K, Milman T**. *Ophthalmology.* 2025 Sep 10:S0161-6420(25)00512-3. doi: 10.1016/j.ophtha.2025.08.003. Online ahead of print. PMID: 40928450 No abstract available.
23. One-week response of retinal hemangioblastomas to oral belzutifan. **Attaseth T, Chou YB, Shields CL**. *Can J Ophthalmol.* 2025 Sep 19:S0008-4182(25)00375-8. doi: 10.1016/j.jcjo.2025.08.014. Online ahead of print. PMID: 40921419 No abstract available.
24. Predicting treatment response in retinal vein occlusions using baseline optical coherence tomography biomarkers: A systematic review. Hatamnejad A, Nanji K, Grad J, El-Sayes A, Mihalache A, Gemae M, Huang R, Waheed NK, Sarraf D, Sadda SR, Wong TY, Zeraatkar D, Ma J, **Garg SJ**, Munk MR, Borrelli E, Steel DH, Sivaprasad S, Wykoff CC, Chaudhary V. *Surv Ophthalmol.* 2025 Sep 4:S0039-6257(25)00148-1. doi: 10.1016/j.survophthal.2025.08.016. Online ahead of print. PMID: 40914443 Review.
25. Ab-Externo MicroShunt versus Trabeculectomy in Primary Open-Angle Glaucoma: 5-Year Safety Results from a Randomized, Multicenter Study. Panarelli JF, **Moster MR**, Garcia-Feijoo J, Flowers BE, Baker ND, Barnebey HS, Grover DS, Stiles MC, Brandt JD, Beckers HJM, Strouthidis NG; INN005 Study Group. *Ophthalmol Glaucoma.* 2025 Sep 3:S2589-4196(25)00178-4. doi: 10.1016/j.ogla.2025.08.009. Online ahead of print. PMID: 40912402
26. The Evolution of Visual Field Testing: A 40-Year Perspective on Modern Perimetry in Glaucoma. **Li A**, De Moraes CG. *Ophthalmol Glaucoma.* 2025 Sep-Oct;8(5S):S20-S26. doi: 10.1016/j.ogla.2025.08.001. Epub 2025 Sep 4. PMID: 40905899 Review.
27. Prevalence, Incidence, and Treatment Characteristics of Primary Open-Angle Glaucoma Among Medicare Fee-for-Service Beneficiaries. **Myers JS**, Donckels EA, Davis TH, Robinson SB, Pulungan Z, Brevetti TL, Fain J, Nair AA. *Clin Ophthalmol.* 2025 Aug 28;19:3019-3031. doi: 10.2147/OPTH.S536664. eCollection 2025. PMID: 40905030 **Free PMC article.**
28. Anti-Vascular Endothelial Growth Factor Therapy for Stages 3 and 4 Proliferative Sickle Cell Retinopathy Results in Improved Anatomic and Visual Outcomes. Lim JI, Okonkwo ON, Ong SS, **Regillo CD**, Scott AW, Wykoff CC, Cao J, Chen A, Miao BA, **Momenaei B**, Liu J. *Retina.* 2025 Aug 27. doi: 10.1097/IAE.0000000000004658. Online ahead of print. PMID: 40902147
29. Novel method of detection of birefringent ocular amyloidosis deposits using monochromatic wavelengths of scanning laser ophthalmoscopy. **Zafar S, August A**, Lin S, **Acaba-Berrocá L, Beca F, Bowe T, Patel SN, Yonekawa Y, Vander J**, Mahroo OA, Keane PA, Fertala A, Pavesio C, Petrushkin H, **Milman T, Pulido JS**; Moorfields Amyloid Group. *Retina.* 2025 Aug 26. doi: 10.1097/IAE.0000000000004648. Online ahead of print. PMID: 40893117

30. Sociodemographic factors affecting presentation in pediatric rhegmatogenous retinal detachment. **Zafar S, Zhao AT, Soares RR, Calotti M, Sina E, Wibbelsman TD, Momenaei B, Ni RL, Acaba-Berrocal L, Patel SN, Xu D, Yonekawa Y.**Retina. 2025 Aug 26. doi: 10.1097/IAE.0000000000004650. Online ahead of print.PMID: 40893116
31. Rate and Severity of Epiretinal Membrane Formation Following Scleral Buckling Surgery. Wang KY, **Zafar S, Yu J, Kazan AS, Cheslow L, Wakabayashi T, Abishek R, Sivalingam M, Mahmoudzadeh R, Hsu J.**Retina. 2025 Aug 26. doi: 10.1097/IAE.0000000000004652. Online ahead of print.PMID: 40893115
32. Hydrophilic intraocular lens with crystalline deposits. **Wibbelsman TD,** Skeens H, **Eagle RC Jr.**Can J Ophthalmol. 2025 Sep 18:S0008-4182(25)00372-2. doi: 10.1016/j.jcjo.2025.08.010. Online ahead of print.PMID: 40889760 No abstract available.
33. ATROPHY GROWTH RATES IN NEOVASCULAR AGE-RELATED MACULAR DEGENERATION COMPARED WITH FELLOW EYES WITH DRY AGE-RELATED MACULAR DEGENERATION. **Hsu J, Cappellani F, Nguyen MK, Momenaei B, Regillo CD, Xu D, Garg SJ, Kuriyan AE, Chiang A, Ho AC.**Retina. 2025 Oct 1;45(10):1833-1841. doi: 10.1097/IAE.0000000000004567.PMID: 40577617
34. AUTOMATED MACHINE LEARNING CLASSIFICATION OF OPTICAL COHERENCE TOMOGRAPHY IMAGES OF RETINAL CONDITIONS USING GOOGLE CLOUD VERTEX ARTIFICIAL INTELLIGENCE. Sina EM, Pena J, **Zafar S, Bommakanti NK, Kuriyan AE, Yonekawa Y.**Retina. 2025 Oct 1;45(10):1984-1990. doi: 10.1097/IAE.0000000000004555.PMID: 40523306
35. The Impact of the COVID-19 Pandemic on Ophthalmology Conferences. Schmuter G, **Kolomeyer NN,** Nijm LM, Tao J, Subramanian PS, Al-Mohtaseb Z, Kim T, Rachitskaya AV, Law JC, Tooley AA.Ophthalmologica. 2025;248(4):332-336. doi: 10.1159/000546635. Epub 2025 May 27.PMID: 40424988 **Free PMC article.** 49. Blow. Bhatti MT, Moore JG, Hwang TN, Bilyk JR.Surv Ophthalmol. 2025 Nov-Dec;70(6):1261-1266. doi: 10.1016/j.survophthal.2025.05.004. Epub 2025 May 14.PMID: 40379108
36. Clinical features of retinal vasculitis: A systematic review and meta-analysis from the International Uveitis Study Group (IUSG) Retinal Vasculitis Study (ReViSe) Report 3. Cifuentes-González C, Le Tong Y, Rojas-Carabali W, Mejía-Salgado G, Putera I, Song XYR, Walter CFY, Shengjuan Z, Chan R, Mobasserian A, Nora RD, Biswas J, Gangaputra S, **Pulido JS,** Kempen JH, Nguyen QD, de la Torre A, Gupta V, Rosenbaum JT, Agrawal R; REVISE-IUSG study group.Surv Ophthalmol. 2025 Nov-Dec;70(6):1144-1159. doi: 10.1016/j.survophthal.2025.04.001. Epub 2025 May 2.PMID: 40320076

