

WILLS EYE PUBLICATIONS LIST – JUNE 2023

**A Wills Eye affiliation search function was used in PubMed to populate the list below. Any manuscripts published in April 2023 under a different affiliation and/or not present on PubMed was not included in this list. This list is also published in the Research section of the Wills Eye website at <https://www.willseye.org/research-2/publications/>.*

CORNEA

Chester T, Garg SS, Johnston J, **Ayres B**, Gupta P. How Can We Best Diagnose Severity Levels of Dry Eye Disease: Current Perspectives. Clin Ophthalmol. 2023 Jun 5;17:1587-1604. doi: 10.2147/OPTH.S388289. PMID: 37304329; PMCID: PMC10254642. <https://pubmed.ncbi.nlm.nih.gov/37304329/>

Crespo MA, Rapuano CJ, Syed ZA. Applications of Mitomycin C in Cornea and External Disease. Turk J Ophthalmol. 2023 Jun 21;53(3):175-182. doi: 10.4274/tjo.galenos.2023.97932. PMID: 37345314; PMCID: PMC10286844. <https://pubmed.ncbi.nlm.nih.gov/37345314/>

EPIDEMIOLOGY

Brant A, **Kolomeyer N**, Goldberg JL, **Haller J**, Lee CS, Lee AY, Lorch AC, Lum F, Miller JW, Parke DW 2nd, **Hyman L**, Pershing S. US Population Disparities in Ophthalmic Care: Blindness and Visual Impairment in the IRIS® Registry (Intelligent Research In Sight). Ophthalmology. 2023 Jun 16:S0161-6420(23)00429-3. doi: 10.1016/j.ophtha.2023.06.011. Epub ahead of print. PMID: 37331480. <https://pubmed.ncbi.nlm.nih.gov/37331480/>

GLAUCOMA

Chen Z, Shemuelian E, Wollstein G, Wang Y, Ishikawa H, **Schuman JS.** Segmentation-Free OCT-Volume-Based Deep Learning Model Improves Pointwise Visual Field Sensitivity Estimation. Transl Vis Sci Technol. 2023 Jun 1;12(6):28. doi: 10.1167/tvst.12.6.28. PMID: 37382575; PMCID: PMC10318595. <https://pubmed.ncbi.nlm.nih.gov/37382575/>

OCULAR GENETICS

Kaur M, Blair J, Devkota B, Fortunato S, Clark D, Lawrence A, Kim J, Do W, Semeo B, Katz O, Mehta D, Yamamoto N, Schindler E, Al Rawi Z, Wallace N, Wilde JJ, McCallum J, Liu J, Xu D, Jackson M, Rentas S, Tayoun AA, Zhe Z, Abdul-Rahman O, Allen B, Angula MA, Anyane-Yeboah K, Argente J, Arn PH, Armstrong L, Basel-Salmon L, Baynam G, Bird LM, Bruegger D, Ch'ng GS, Chitayat D, Clark R, Cox GF, Dave U, DeBaere E, Field M, Graham JM Jr, Gripp KW, Greenstein R, Gupta N, Heidenreich R, Hoffman J, Hopkin RJ, Jones KL, Jones MC, Kariminejad A, Kogan J, Lace B, Leroy J, Lynch SA, McDonald M, Meagher K, Mendelsohn N, Micule I, Moeschler J, Nampoothiri S, Ohashi K, Powell CM, Ramanathan S, Raskin S, Roeder E, Rio M, Rope AF, Sangha K, Scheuerle AE, **Schneider A**, Shalev S, Siu V, Smith R, Stevens C, Tkemaladze T, Toimie J, Toriello H, Turner A, Wheeler PG, White SM, Young T, Loomes KM, Pipan M, Harrington AT, Zackai E, Rajagopalan R, Conlin L, Deardorff MA, McEldrew D, Pie J, Ramos F, Musio A, Kline AD, Izumi K, Raible SE, Krantz ID. Genomic analyses in Cornelia de Lange Syndrome and related diagnoses: Novel candidate genes, genotype-phenotype correlations and common mechanisms. Am J Med Genet A. 2023 Jun 28. doi: 10.1002/ajmg.a.63247. Epub ahead of print. PMID: 37377026. <https://pubmed.ncbi.nlm.nih.gov/37377026/>

OCULAR ONCOLOGY

Gonzalez Martinez OG, Watson A, Shields CL, Milman T. Disseminated Extranodal NK/T-Cell lymphoma, Presenting as an Orbital Mass. Ophthalmic Plast Reconstr Surg. 2023 Jun 23. doi: 10.1097/IOP.0000000000002440. Epub ahead of print. PMID: 37351864. <https://pubmed.ncbi.nlm.nih.gov/37351864/>

Mandava NK, Bayasi FM, Shields CL. Cavitory ciliary body melanoma with extensive pigment dispersion. Can J Ophthalmol. 2023 Jun 24:S0008-4182(23)00185-0. doi: 10.1016/j.jcjo.2023.06.009. Epub ahead of print. PMID: 37369357. <https://pubmed.ncbi.nlm.nih.gov/37369357/>

Pashae B, Card KR, Shields CL. Sclerochoroidal calcification with slow enlargement in all dimensions over 13 years. Can J Ophthalmol. 2023 Jun 19:S0008-4182(23)00171-0. doi: 10.1016/j.jcjo.2023.05.016. Epub ahead of print. PMID: 37348837. <https://pubmed.ncbi.nlm.nih.gov/37348837/>

Thomas GN, Vempuluru VS, Shields CL. Disappearing retinoblastoma. Can J Ophthalmol. 2023 Jun 24:S0008-4182(23)00178-3. doi: 10.1016/j.jcjo.2023.06.008. Epub ahead of print. PMID: 37369356. <https://pubmed.ncbi.nlm.nih.gov/37369356/>

Woods M, Vempuluru VS, Shields CL. Incidentally Detected Giant Sellar Mass in an Infant with Delayed Milestones. Ophthalmology. 2023 Jun 6:S0161-6420(23)00353-6. doi: 10.1016/j.ophtha.2023.05.016. Epub ahead of print. PMID: 37294235. <https://pubmed.ncbi.nlm.nih.gov/37294235/>

OCULAR PATHOLOGY

Milman T, Gonzalez Martinez OG, Calotti M, Henry RK, Eagle RC. Consultations in Eye Pathology: Experience at the Ophthalmology Specialty Hospital. Arch Pathol Lab Med. 2023 Jun 22. doi: 10.5858/arpa.2022-0507-RA. Epub ahead of print. PMID: 37347189. <https://pubmed.ncbi.nlm.nih.gov/37347189/>

OCULOPLASTIC & ORBITAL SURGERY

Cheung J, Rabinowitz MP, Tuluc M, Milman T. Periocular Microcystic Adnexal Carcinoma: A Case Report and a Major Review. Ophthalmic Plast Reconstr Surg. 2023 Jun 6. doi: 10.1097/IOP.0000000000002419. Epub ahead of print. PMID: 37279021. <https://pubmed.ncbi.nlm.nih.gov/37279021/>

Rama M, Schlegel L, Wisner D, Pugliese R, Ramesh S, Penne R, Watson A. Using three-dimensional printed models for trainee orbital fracture education. BMC Med Educ. 2023 Jun 22;23(1):467. doi: 10.1186/s12909-023-04436-5. PMID: 37349755; PMCID:PMC10286337. <https://pubmed.ncbi.nlm.nih.gov/37349755/>

Vempuluru VS, Singla K, Milman T, Eagle RC Jr, Lally SE, Shields CL. Bilateral Conjunctival Actinic Granuloma With Necrobiotic Vasculitic Pattern: A Diagnosis of Exclusion. Ophthalmic Plast Reconstr Surg. 2023 Jun 6. doi: 10.1097/IOP.0000000000002424. Epub ahead of print. PMID: 37279029. <https://pubmed.ncbi.nlm.nih.gov/37279029/>

Zhang MM, Radulovich NP, Fu R, **Eagle RC Jr, Stefanyszyn MA**. Electrical burn of the eye and orbit with severe delayed sequelae from an arc welding accident. *Orbit*. 2023 Jun 5:1-4. doi: 10.1080/01676830.2023.2220123. Epub ahead of print. PMID: 37276340. <https://pubmed.ncbi.nlm.nih.gov/37276340/>

RETINA

Cideciyan AV, Jacobson SG, **Ho AC**, Swider M, Sumaroka A, Roman AJ, Wu V, Russell RC, Viarbitskaya I, Garafalo AV, Schwartz MR, Girach A. Durable vision improvement after a single intravitreal treatment with antisense oligonucleotide in CEP290-LCA: Replication in two eyes. *Am J Ophthalmol Case Rep*. 2023 Jun 20;32:101873. doi: 10.1016/j.ajoc.2023.101873. PMID: 37388818; PMCID: PMC10302566. <https://pubmed.ncbi.nlm.nih.gov/37388818/>

Ishida Y, Saito S, Tsuboi K, Atsuya M, Kamei M, **Wakabayashi T**. Head-Tilt Perfluorocarbon-Air Exchange Technique with Heads-Up Surgery for Giant Retinal Tear-Associated Retinal Detachments to Prevent Retinal Slippage without Using Silicone Oil. *Retina*. 2023 Jun 29. doi: 10.1097/IAE.0000000000003877. Epub ahead of print. PMID: 37399269. <https://pubmed.ncbi.nlm.nih.gov/37399269/>

Israilevich RN, **Syed ZA, Xu D, Kaiser RS, Garg SJ, Spirn MJ, Mehta S, Gupta OP, Ho AC, Kuriyan AE, Yonekawa Y, Starr MR**. Neurotrophic keratopathy following rhegmatogenous retinal detachment surgery. *Can J Ophthalmol*. 2023 Jun 14:S0008-4182(23)00172-2. doi: 10.1016/j.jcjo.2023.05.015. Epub ahead of print. PMID: 37330215. <https://pubmed.ncbi.nlm.nih.gov/37330215/>

Momenaei B, Wakabayashi T, Shahlaee A, Durrani AF, Pandit SA, Wang K, Mansour HA, Abishek RM, Xu D, Sridhar J, Yonekawa Y, Kuriyan AE. Reply to "ChatGPT-4 generated Responses for Surgical Treatment of Retinal Diseases.: comment". *Ophthalmol Retina*. 2023 Jun 26:S2468-6530(23)00285-3. doi: 10.1016/j.oret.2023.06.017. Epub ahead of print. PMID: 37379883. <https://pubmed.ncbi.nlm.nih.gov/37379883/>

Momenaei B, Wakabayashi T, Shahlaee A, Durrani AF, Pandit SA, Wang K, Mansour HA, Abishek RM, Xu D, Sridhar J, Yonekawa Y, Kuriyan AE. Appropriateness and Readability of ChatGPT-4-Generated Responses for Surgical Treatment of Retinal Diseases. *Ophthalmol Retina*. 2023 Jun 3:S2468-6530(23)00246-4. doi: 10.1016/j.oret.2023.05.022. Epub ahead of print. PMID: 37277096. <https://pubmed.ncbi.nlm.nih.gov/37277096/>

Wakabayashi T, Patel N, Bough M, Nahar A, Sheng Y, Momenaei B, Salabati M, Mahmoudzadeh R, Kuriyan AE, Spirn MJ, Chiang A, Hsu J, Fineman MS, Regillo CD, Sivalingam A, Ho AC, Gupta OP, Yonekawa Y. Vitrectomy for Vitreous Hemorrhage Associated with Retinal Vein Occlusion: Visual Outcomes, Prognostic Factors, and Sequelae. *Retina*. 2023 Jun 5. doi: 10.1097/IAE.0000000000003839. Epub ahead of print. PMID: 37294906. <https://pubmed.ncbi.nlm.nih.gov/37294906/>

Wakabayashi T, Tsuboi K, Oshima Y, Ishida Y, Baba K, Shiraki N, Yamamoto Y, Fukuyama H, Abe K, Otsuka Y, Hashimoto R, Shiraki A, Hara C, Venkatesh R, Chhablani J, Gomi F, Kamei M, Maeno T, Yonekawa Y, Ikuno Y; SCHISIS Study Group. Efficacy of Vitrectomy With Tamponade Versus No Tamponade for Myopic Traction Maculopathy: A Multicenter Study (SCHISIS Report No.1). *Am J Ophthalmol*. 2023 Jun 19:S0002-9394(23)00239-8. doi: 10.1016/j.ajo.2023.06.005. Epub ahead of print. PMID: 37343740. <https://pubmed.ncbi.nlm.nih.gov/37343740/>