

WILLS EYE PUBLICATIONS LIST – NOVEMBER 2022

*A Wills Eye affiliation search function was used in PubMed to populate the list below. Any manuscripts published in November 2022 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/>.

ECONOMICS & DISPARITIES

Ayres BD, Gupta OP, Davis JS, Hahn R, Hsiao CW, Kara R, Di Simplicio S. Economic Impact Analysis of Custom Pak[®] on Cataract and Vitreoretinal Surgery in the United States. Clinicoecon Outcomes Res. 2022 Nov 10;14:715-730. doi: 10.2147/CEOR.S382188. PMID: 36389103; PMCID: PMC9661901. <https://pubmed.ncbi.nlm.nih.gov/36389103/>

Besagar S, **Yonekawa Y,** Sridhar J, Finn A, Padovani-Claudio DA, Sternberg P Jr, Patel S. Association of Socioeconomic, Demographic, and Health Care Access Disparities With Severe Visual Impairment in the US. JAMA Ophthalmol. 2022 Nov 3. doi: 10.1001/jamaophthalmol.2022.4566. Epub ahead of print. PMID: 36326732. <https://pubmed.ncbi.nlm.nih.gov/36326732>

NEURO-OPHTHALMOLOGY

Carelli V, Newman NJ, Yu-Wai-Man P, Biousse V, **Moster ML,** Subramanian PS, Vignal-Clermont C, Wang AG, Donahue SP, Leroy BP, **Sergott RC,** Klopstock T, Sadun AA, Rebolleda Fernández G, Chwalisz BK, Banik R, Girmens JF, La Morgia C, **DeBusk AA,** Jurkute N, Priglinger C, Karanjia R, Josse C, Salzman J, Montestruc F, Roux M, Tiel M, Sahel JA; the LHON Study Group. Indirect Comparison of Lenadogene Nolparvovec Gene Therapy Versus Natural History in Patients with Leber Hereditary Optic Neuropathy Carrying the m.11778G>A MT-ND4 Mutation. Ophthalmol Ther. 2022 Nov 30. doi: 10.1007/s40123-022-00611-x. Epub ahead of print. PMID: 36449262. <https://pubmed.ncbi.nlm.nih.gov/36449262/>

Newman NJ, Yu-Wai-Man P, Subramanian PS, **Moster ML,** Wang AG, Donahue SP, Leroy BP, Carelli V, Biousse V, Vignal-Clermont C, **Sergott RC,** Sadun AA, Fernández GR, Chwalisz BK, Banik R, Bazin F, Roux M, Cox ED, Tiel M, Sahel JA; LHON REFLECT Study Group. Randomized trial of bilateral gene therapy injection for m.11778G > A MT-ND4 Leber optic neuropathy. Brain. 2022 Nov 9:awac421. doi: 10.1093/brain/awac421. Epub ahead of print. PMID: 36350566. <https://pubmed.ncbi.nlm.nih.gov/36350566/>

OCULAR ONCOLOGY

Abramson DH, **Shields CL.** RE: Tomar et al; American Joint Committee on Cancer Ophthalmic Oncology Task Force. High-risk pathologic features based on presenting findings in advanced intraocular retinoblastoma: a multicenter, international data-sharing American Joint Committee on Cancer Study (Ophthalmology. 2022;129:923-932) and Tomar et al.: American Joint Committee on Cancer Ophthalmic Oncology Task Force. Metastatic death based on presenting features and treatment for advanced intraocular retinoblastoma: a multicenter registry-based study. (Ophthalmology. 2022;129:933-945). Ophthalmology. 2022 Nov 23:S0161-6420(22)00833-8. doi: 10.1016/j.ophtha.2022.10.018. Epub ahead of print. PMID: 36443123. <https://pubmed.ncbi.nlm.nih.gov/36443123/>

Cherkas E, Negretti GS, Zeiger JS, Shields CL. Iris melanoma outcomes based on the Cancer Genome Atlas (TCGA) classification in 78 consecutive patients. *Ophthalmic Genet.* 2022 Nov 3:1-6. doi: 10.1080/13816810.2022.2141798. Epub ahead of print. PMID: 36326016. <https://pubmed.ncbi.nlm.nih.gov/36326016/>

Corvi F, Corradetti G, Wong A, **Pulido JS, Shields CL,** Freund KB, Sarraf D, Sadda SR. MULTIMODAL IMAGING OF A CHOROIDAL NEVUS WITH CAVERNS IN THE SETTING OF PACHYCHOROID DISEASE. *Retin Cases Brief Rep.* 2022 Nov 1;16(6):670-673. doi: 10.1097/ICB.0000000000001138. PMID: 33653986. <https://pubmed.ncbi.nlm.nih.gov/33653986/>

Dockery PW, Ruben M, Duffner ER, Levin HJ, Lally SE, Shields JA, Shields CL. Likelihood of germline mutation with solitary retinoblastoma based on tumour location at presentation. *Br J Ophthalmol.* 2022 Nov 22:bjophthalmol-2022-321757. doi: 10.1136/bjo-2022-321757. Epub ahead of print. PMID: 36414256. <https://pubmed.ncbi.nlm.nih.gov/36414256/>

Riazi-Esfahani H, Masoomian B, Khodabandeh A, Amini A, Taghizadeh S, Boujabadi L, Sharifkashani S, **Shields CL,** Ghassemi F. Addition of intravitreal carboplatin with melphalan for management of vitreous seeding in retinoblastoma. *Graefes Arch Clin Exp Ophthalmol.* 2022 Nov 19. doi: 10.1007/s00417-022-05903-3. Epub ahead of print. PMID: 36401651. <https://pubmed.ncbi.nlm.nih.gov/36401651/>

Sen M, Card KR, Caudill GB, Spitofsky NR, Dockery PW, Zaloga AR, Zeiger JS, DeYoung CF, Hamou SJ, Shields CL. Relationship between Fitzpatrick Skin Type and The Cancer Genome Atlas Classification with Melanoma-Related Metastasis and Death in 854 Patients at a Single Ocular Oncology Center. *Ophthalmic Genet.* 2022 Nov 11:1-14. doi: 10.1080/13816810.2022.2141799. Epub ahead of print. PMID: 36369870. <https://pubmed.ncbi.nlm.nih.gov/36369870/>

OCULAR PATHOLOGY

Safran JP, Nataneli N, Vazirani J, **Eagle RC Jr, Milman T.** Corneal edema associated with degenerating Soemmering ring cataract: Clinical-pathologic correlation. *Am J Ophthalmol Case Rep.* 2022 Nov 11;28:101738. doi: 10.1016/j.ajoc.2022.101738. PMID: 36393913; PMCID: PMC9663856. <https://pubmed.ncbi.nlm.nih.gov/36393913/>

OCULOPLASTIC & ORBITAL SURGERY

Vaphiades MS, Isen D, Tavakoli M, **Bilyk JR.** Pott luck. *Surv Ophthalmol.* 2022 Nov 23:S0039-6257(22)00168-0. doi: 10.1016/j.survophthal.2022.11.005. Epub ahead of print. PMID: 36427561. <https://pubmed.ncbi.nlm.nih.gov/36427561/>

QUALITY OF LIFE

Brown GC, Brown MM, Sharma S. Preference-based comparison of the quality of life associated with vision loss in Black and White U.S. ophthalmic populations. *Can J Ophthalmol.* 2022 Nov 22:S0008-4182(22)00341-6. doi: 10.1016/j.jcjo.2022.11.003. Epub ahead of print. PMID: 36427536. <https://pubmed.ncbi.nlm.nih.gov/36427536/>

Spaeth GL, Esposito LJ. Hope is not action. *BMJ.* 2022 Nov 7;379:o2641. doi: 10.1136/bmj.o2641. PMID: 36343962. <https://pubmed.ncbi.nlm.nih.gov/36343962/>

RETINA

Chaudhary V, Sarohia GS, Phillips MR, Park D, Xie J, Zeraatkar D, Fung M, Thabane L, Loewenstein A, Holz FG, **Garg SJ**, Kaiser PK, Bhandari M, Guymer RH, Fraser-Bell S, Sivaprasad S, Wykoff CC. Role of anti-vascular endothelial growth factor in the management of non-proliferative diabetic retinopathy without centre-involving diabetic macular oedema: a meta-analysis of trials. *Eye (Lond).* 2022 Nov 11. doi: 10.1038/s41433-022-02269-y. Epub ahead of print. PMID: 36369263. <https://pubmed.ncbi.nlm.nih.gov/36369263/>

Jimenez HJ, Procopio RA, Thuma TBT, Marra MH, Izquierdo N, Klufas MA, Nagiel A, Pennesi ME, Pulido JS. Signal Peptide Variants in Inherited Retinal Diseases: A Multi-Institutional Case Series. *Int J Mol Sci.* 2022 Nov 1;23(21):13361. doi: 10.3390/ijms232113361. PMID: 36362148; PMCID: PMC9658040. <https://pubmed.ncbi.nlm.nih.gov/36362148/>

O'Neil EC, Uyhazi KE, O'Connor K, Aleman IA, **Pulido JS**, Rossano JW, Aleman TS. DANON DISEASE: A MODEL OF PHOTORECEPTOR DEGENERATION SECONDARY TO PRIMARY RETINAL PIGMENT EPITHELIUM DISEASE. *Retin Cases Brief Rep.* 2022 Nov 1;16(6):707-713. doi: 10.1097/ICB.0000000000001125. PMID: 36288619. <https://pubmed.ncbi.nlm.nih.gov/36288619/>

Salabati M, Mahmoudzadeh R, Starr MR, Zhang Q, Sharpe J, Hsu J, Ho AC, Regillo C, Kuriyan AE. REFRACTIVE ERROR CHANGE DURING TREATMENT OF DIABETIC MACULAR EDEMA: A Post Hoc Analysis of the Diabetic Retinopathy Clinical Research Protocol T Trial. *Retina.* 2022 Nov 1;42(11):2059-2065. doi: 10.1097/IAE.0000000000003583. PMID: 36269800. <https://pubmed.ncbi.nlm.nih.gov/36269800/>

Soares RR, Mokhashi N, Sharpe J, Zhang Q, Hinkle J, Patel SN, Ho AC, Yonekawa Y, Hsu J. Patient accessibility to eye care in the United States. *Ophthalmology.* 2022 Nov 22:S0161-6420(22)00923-X. doi: 10.1016/j.ophtha.2022.11.017. Epub ahead of print. PMID: 36427602. <https://pubmed.ncbi.nlm.nih.gov/36427602/>

Starr MR, Huang D, Wong JC, Patel LG, Ammar M, Hsu J, Sivalingam A, Mehta S, Ho AC, Kuriyan AE, Khan MA, Cohen MN, Xu D, Lee D, Moster MR, Yonekawa Y. PREVALENCE, CHARACTERISTICS, AND OUTCOMES OF RHEGMATOGENOUS RETINAL DETACHMENT IN EYES WITH TRABECULECTOMY OR GLAUCOMA DRAINAGE DEVICES. *Retina.* 2022 Nov 1;42(11):2039-2045. doi: 10.1097/IAE.0000000000003587. PMID: 35963003. <https://pubmed.ncbi.nlm.nih.gov/35963003/>

Publications that were not included in previous announcements:

1. **Baş Z, Sharpe J, Yaghy A, Zhang Q, Shields CL, Hyman L;** IRIS Registry Analytic Center Consortium. Prevalence of and Associated Factors for Eyelid Cancer in the American Academy of Ophthalmology Intelligent Research in Sight Registry. *Ophthalmol Sci.* 2022 Sep 27;3(1):100227. doi: 10.1016/j.xops.2022.100227. PMID: 36439695; PMCID: PMC9692036. <https://pubmed.ncbi.nlm.nih.gov/36439695/>
2. Yang SA, Ciociola EC, Mitchell W, Hall N, Lorch AC, Miller JW, Friedman DS, Boland MV, Elze T, Zebardast N; Persing S , **Hyman L , Haller JA** , Lee AY, Lee, Lum F, Miller J, Lorch A. Effectiveness of Microinvasive Glaucoma Surgery in the United States: Intelligent Research in Sight Registry Analysis 2013-2019. *Ophthalmology.* 2022 Oct 29:S0161-6420(22)00853-3. doi: 10.1016/j.ophtha.2022.10.021. Epub ahead of print. PMID: 36522820. <https://pubmed.ncbi.nlm.nih.gov/36522820/>
3. Pakravan P, Patel V, Chau V, Rohowetz L, Lai J, Fan KC, Al-Khersan H, Melo IM, Muni RH, Tsao SW, Kaplan R, Jung JJ, Hoyek S, Patel NA, **Kuriyan AE**, Laura DM, Mantopoulos D, **Syed ZA**, Yannuzzi NA. Haptic Erosion Following Sutureless Scleral-fixated Intraocular Lens Placement. *Ophthalmol Retina.* 2022 Oct 29:S2468-6530(22)00517-6. doi: 10.1016/j.oret.2022.10.015. Epub ahead of print. PMID: 36441084. <https://pubmed.ncbi.nlm.nih.gov/36441084/>