

WILLS EYE PUBLICATIONS LIST – MARCH 2023

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

Ayres BD, Donnenfeld E, Farid M, Gaddie IB, Gupta PK, Holland E, Karpecki PM, Lindstrom R, Nichols KK, Pflugfelder SC, Starr CE, Yeu E. Clinical diagnosis and management of Demodex blepharitis: the Demodex Expert Panel on Treatment and Eyelid Health (DEPTH). *Eye (Lond)*. 2023 Mar 24. doi: 10.1038/s41433-023-02500-4. Epub ahead of print. PMID: 36964261. <https://pubmed.ncbi.nlm.nih.gov/36964261/>

Deshmukh R, Murthy SI, **Rapuano CJ**, Vajpayee RB. Graft rejection in component keratoplasty. *Indian J Ophthalmol*. 2023 Mar;71(3):698-706. doi: 10.4103/ijo.IJO_1964_22. PMID: 36872664. <https://pubmed.ncbi.nlm.nih.gov/36872664/>

GLAUCOMA

Kim AB, **Cheng BT**, Tanna AP. Delayed medical care due to lack of transportation among US adults with glaucoma. *Ophthalmol Glaucoma*. 2023 Mar 27:S2589-4196(23)00065-0. doi: 10.1016/j.ogla.2023.03.007. Epub ahead of print. PMID: 36990434. <https://pubmed.ncbi.nlm.nih.gov/36990434/>

Massenzio E, **Xu D**, **Abishek R**, **Wibbelsman TD**, Sheng Y, **Obeid A**, **Bhatt S**, **Zhang Q**, **Sharpe J**, **Park CH**, **Spirn MJ**, **Gupta OP**, **Chiang A**, **Shukla A**, **Shalaby WS**, **Myers JS**, **Hsu J**. Risk Factors for Surgery or Blindness in Neovascular Glaucoma Eyes Treated with Anti-VEGF Injections by a Retina Specialist. *Retina*. 2023 Mar 9. doi: 10.1097/IAE.0000000000003780. Epub ahead of print. PMID: 36913629. <https://pubmed.ncbi.nlm.nih.gov/36913629/>

OCULAR GENETICS

Card KR, **Barke MR**, **Shields JA**. Iris Melanocytoma with Minimal Change over 50 Years. *Ophthalmology*. 2023 Mar 13:S0161-6420(23)00114-8. doi: 10.1016/j.ophtha.2023.02.009. Epub ahead of print. PMID: 36922338. <https://pubmed.ncbi.nlm.nih.gov/36922338/>

Procopio R, **Pulido JS**, **Gunton KB**, **Syed ZA**, **Lee D**, **Moster ML**, **Sergott R**, Neidich JA, Reynolds MM. Comparing Gene Panels for Non-Retinal Indications: A Systematic Review. *Genes (Basel)*. 2023 Mar 17;14(3):738. doi: 10.3390/genes14030738. PMID: 36981008; PMCID: PMC10047970. <https://pubmed.ncbi.nlm.nih.gov/36981008/>

OCULAR ONCOLOGY

Bui K, **Shields CL**, **Milman T**. Intraocular Involvement by Mycosis Fungoides. *Ophthalmology*. 2023 Mar 14:S0161-6420(23)00124-0. doi: 10.1016/j.ophtha.2023.02.012. Epub ahead of print. PMID: 36925331. <https://pubmed.ncbi.nlm.nih.gov/36925331/>

Zeiger JS, Lally SE, Dalvin LA, Shields CL. Advances in conjunctival melanoma: clinical features, diagnostic modalities, staging, genetic markers, and management. *Can J Ophthalmol.* 2023 Mar 12:S0008-4182(23)00043-1. doi: 10.1016/j.jcjo.2023.02.003. Epub ahead of print. PMID: 36921624. <https://pubmed.ncbi.nlm.nih.gov/36921624/>

PEDIATRIC OPHTHALMOLOGY & STRABISMUS

Lawson SE, Tam EK, Zheng Y, Liu T, Monger TR, **Lee KE**, Legocki A, Kelly J, Ding L, Wang RK, Tarczy-Hornoch K, Cabrera MT. Semi-Automated Analysis of Foveal Maturity in Premature and Full-Term Infants Using Handheld Swept-Source Optical Coherence Tomography. *Transl Vis Sci Technol.* 2023 Mar 1;12(3):5. doi: 10.1167/tvst.12.3.5. PMID: 36881403; PMCID: PMC10010441. <https://pubmed.ncbi.nlm.nih.gov/36881403/>

RETINA

Cobbs LV, Soares RR, Spirn M, Mehta S. Premature Emulsification of Silicone Oil After Retinal Detachment Repair in the Setting of High-Intensity Exercise. *Retin Cases Brief Rep.* 2023 Mar 9. doi: 10.1097/ICB.0000000000001412. Epub ahead of print. PMID: 36913668. <https://pubmed.ncbi.nlm.nih.gov/36913668/>

Freeman WR, Bandello F, Souied E, Guymer RH, **Garg SJ**, Chen FK, Rich R, Holz FG, Patel SS, Kim K, López FJ; BEACON Study Group. Randomized Phase 2b Study of Brimonidine Drug Delivery System Generation 2 for Geographic Atrophy in Age-related Macular Degeneration. *Ophthalmol Retina.* 2023 Mar 9:S2468-6530(23)00097-0. doi: 10.1016/j.oret.2023.03.001. Epub ahead of print. PMID: 36906177. <https://pubmed.ncbi.nlm.nih.gov/36906177/>

Garg SJ, Gekeler F. SUBRETINAL AIR USED AS A BALL VALVE TO STABILIZE A RETINAL BLEB. *Retin Cases Brief Rep.* 2023 Mar 1;17(2):189-190. doi: 10.1097/ICB.0000000000001143. PMID: 33731602. <https://pubmed.ncbi.nlm.nih.gov/33731602/>

Kang EY, Lin TY, **Garg SJ**, Wang NK, Chen LJ, Huang PW, Chan MJ, Chen KJ, Wu WC, Lai CC, Hwang YS. The Association of Intravitreal Injections of Different Anti-Vascular Endothelial Growth Factor with Systemic Outcomes in Diabetic Patients. *J Pers Med.* 2023 Mar 18;13(3):544. doi: 10.3390/jpm13030544. PMID: 36983725; PMCID: PMC10057023. <https://pubmed.ncbi.nlm.nih.gov/36983725/>

Kim K, Zeraatkar D, Pitre TS, Phillips M, Wykoff CC, **Garg SJ**, Guymer RH, Thabane L, Bhandari M, Chaudhary V; Retina Evidence and Trials INternational Alliance (R.E.T.I.N.A.) Study Group. Noninferiority randomised trials in ophthalmology. *Eye (Lond).* 2023 Mar 3. doi: 10.1038/s41433-023-02465-4. Epub ahead of print. PMID: 36869135. <https://pubmed.ncbi.nlm.nih.gov/36869135/>

Levin HJ, Mehta MS, Storey PP, Patel SN, Kuley B, Wibbelsman TD, Obeid A, Garg S, Vander J, Dunn JP, Ho AC. Endophthalmitis following cataract surgery: visual outcomes, microbial spectrum and complications. *Curr Opin Ophthalmol.* 2023 May 1;34(3):237-242. doi: 10.1097/ICU.0000000000000951. Epub 2023 Mar 20. PMID: 36943680. <https://pubmed.ncbi.nlm.nih.gov/36943680/>

Lin TY, Kang EY, Shao SC, Lai EC, **Garg SJ**, Chen KJ, Kang JH, Wu WC, Lai CC, Hwang YS. Risk of Diabetic Retinopathy between Sodium-Glucose Cotransporter-2 Inhibitors and Glucagon-Like Peptide-1 Receptor Agonists. *Diabetes Metab J*. 2023 Mar 6. doi: 10.4093/dmj.2022.0221. Epub ahead of print. PMID: 36872060. <https://pubmed.ncbi.nlm.nih.gov/36872060/>

Mahjoub H, Ssekasanvu J, **Yonekawa Y**, Justin GA, Cavuoto KM, Lorch A, Madan V, Sivakumar I, Zhao X, Quintero M, Simeon OF, **Salabati M**, **Wu CM**, Woreta FA. Most Common Ophthalmic Diagnoses in Eye Emergency Departments: A Multicenter Study. *Am J Ophthalmol*. 2023 Mar 23:S0002-9394(23)00120-4. doi: 10.1016/j.ajo.2023.03.016. Epub ahead of print. PMID: 36965840. <https://pubmed.ncbi.nlm.nih.gov/36965840/>

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Patel SS, Lally DR, **Hsu J**, Wykoff CC, Eichenbaum D, Heier JS, Jaffe GJ, Westby K, Desai D, Zhu L, Khanani AM. Avacincaptad pegol for geographic atrophy secondary to age-related macular degeneration: 18-month findings from the GATHER1 trial. *Eye (Lond)*. 2023 Mar 24. doi: 10.1038/s41433-023-02497-w. Epub ahead of print. PMID: 36964259. <https://pubmed.ncbi.nlm.nih.gov/36964259/>

Regillo C, Berger B, Brooks L, Clark WL, Mittra R, Wykoff CC, Callaway NF, DeGraaf S, Ding HT, Fung AE, Gune S, Le Pogam S, Smith R, Willis JR, Barteselli G. Archway Phase 3 Trial of the Port Delivery System with Ranibizumab for Neovascular Age-Related Macular Degeneration 2-Year Results. *Ophthalmology*. 2023 Mar 2:S0161-6420(23)00135-5. doi: 10.1016/j.ophtha.2023.02.024. Epub ahead of print. PMID: 36870451. <https://pubmed.ncbi.nlm.nih.gov/36870451/>

Shoshany TN, Torres-Quinones C, Silverman E, Shaka J, Diaz-Arrastia R, Goldstein L, Hunter DG. Detection of visuomotor dysfunction in mild traumatic brain injury using binocular retinal polarization scanning. *Brain Inj*. 2023 Mar 23:1-7. doi: 10.1080/02699052.2023.2187089. Epub ahead of print. PMID: 36951423. <https://pubmed.ncbi.nlm.nih.gov/36951423/>

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Swaminathan VB, **Salabati M**, Israilevich R, Cehelyk E, **Mahmoudzadeh R**, Uhr JH, **Spirn MJ**, **Klufas MA**, **Garg SJ**, **Hsu J**. Outcomes following repair of early-onset versus delayed-onset rhegmatogenous retinal detachments after acute posterior vitreous detachment. *Br J Ophthalmol*. 2023 Mar 14:bjo-2022-322530. doi: 10.1136/bjo-2022-322530. Epub ahead of print. PMID: 36918274. <https://pubmed.ncbi.nlm.nih.gov/36918274/>

Tomaiuolo M, Woreta FA, Li A, Yonekawa Y, Zhang Q, Sharpe JE, Zafar S, Syed ZA, Ramesh S, Lorch AC, Hall NE, Shah AS, Justin GA, Hyman L; IRIS Registry Analytic Center Consortium. Open Globe Injury Repairs in the American Academy of Ophthalmology IRIS® Registry 2014-2018: Incidence, Risk Factors, and Visual Outcomes. *Ophthalmology*. 2023 Mar 14:S0161-6420(23)00154-9. doi: 10.1016/j.ophtha.2023.03.002. Epub ahead of print. PMID: 36924850. <https://pubmed.ncbi.nlm.nih.gov/36924850/>

Vander JF, Fineman MS, Garg S, Regillo CD. Comment on: Perspective: A caveat about financial incentives for anti-vascular endothelial growth factor therapy for diabetic retinopathy. *Am J Ophthalmol*. 2023 Mar 3:S0002-9394(23)00077-6. doi: 10.1016/j.ajo.2023.01.029. Epub ahead of print. PMID: 36871889. <https://pubmed.ncbi.nlm.nih.gov/36871889/>

Wakabayashi T, Naito H. Cellular heterogeneity and stem cells of vascular endothelial cells in blood vessel formation and homeostasis: Insights from single-cell RNA sequencing. *Front Cell Dev Biol*. 2023 Mar 21;11:1146399. doi: 10.3389/fcell.2023.1146399. PMID: 37025170; PMCID: PMC10070846. <https://pubmed.ncbi.nlm.nih.gov/37025170/>

Publication that was not included in previous announcements:

Green CP, Lai MJ, Gore RA, Wu CM, Zhang QE, Sharpe JE, Elias RJ, Wasserman BN. Novel Virtual Vision Screening Program: Give Kids Sight Day 2020. *J Pediatr Ophthalmol Strabismus*. 2023 Feb 21:1-6. doi: 10.3928/01913913-20230118-03. Epub ahead of print. PMID: 36803240. <https://pubmed.ncbi.nlm.nih.gov/36803240/>