

DEPARTMENT OF OPHTHALMOLOGY & VISUAL SCIENCES



DEPARTMENTAL PUBLICATIONS: APRIL 2025 TO APRIL 2026

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BELONGING, ACCESSIBILITY AND COMMUNITY

1. Tao BK, Rahman S, Toameh D, **Ing E**, El-Hadad C. ETDRS-style distance visual acuity charts for Indigenous Canadians: development and validation using Canadian Aboriginal syllabics. *Can J Ophthalmol*. 2025 Jun 5:S0008-4182(25)00153-X.
2. Bondok MS, Bondok MS, Selvakumar R, Ahuja N, **Ing E**. Accessibility of Canadian ophthalmology department webpages for the visually impaired. *Can J Ophthalmol*. 2025 Oct;60(5):e661-e666.
3. Campbell P, **Srivastava O**, Chae T, **Ehmann D**, **Palakkamanil MM**, **Riyaz R**. Accessing ophthalmology care for rural Canadians: case study on CRAO and NVG with a focus on rural and Indigenous populations. *Can J Ophthalmol*. 2026 Apr;61(2):472-476.

CATARACT SURGERY AND CORNEA

4. Valia MVG, **Rudnisky CJ**, Ramstead CL. Effect of prophylactic dorzolamide-timolol on intraocular pressure spikes following phacoemulsification. *Can J Ophthalmol*. 2026 Jan 3:S0008-4182(25)00488-0.
5. Huynh BC, **Sarohia GS**, **Benson MD**, **Kurji K**. Diffuse corneal haze: a rare presentation of fish-eye disease. *Ophthalmic Genet*. 2026 Apr;47(2):183-186.

GENETICS

6. Liu C, **Sheri N**, **Benson MD**. Inherited Retinal Diseases with High Myopia: A Review. *Genes (Basel)*. 2025 Oct 11;16(10):1183.
7. Mouzaaber C, Feldman CB, Huguenin SM, Han JYS, Trombly E, Zhang Q, Rieger A, Hojjat H, Huynh BC, Misaghi E, Radziwon A, Fufa TD, Hufnagel RB, Miller JML, **Benson MD**. Peroxisome dysfunction alters metabolism of photoreceptor outer segments in human retinal pigment epithelium. *bioRxiv [Preprint]*. 2026 Mar 8:2026.02.01.701576.
8. Huynh BC, **Sheri N**, **Benson MD**. A heterozygous pathogenic RPE65 variant phenocopies a mitochondrial retinopathy. *Ophthalmic Genet*. 2026 Mar 17:1-5.
9. Attia K, Anjum I, Lingrell S, Dworkind C, **Benson MD**, **MacDonald IM**, Hocking JC. PIKfyve is an essential component of the endolysosomal pathway within photoreceptors and the retinal pigment epithelium. *Exp Eye Res*. 2026 May;266:110905.

10. Toay S, Sheri N, **MacDonald I**, Sergeev YV. Human recombinant tyrosinase destabilization caused by the double mutation R217Q/R402Q. *Protein Sci.* 2025 Feb;34(2):e70029. doi: 10.1002/pro.70029. PMID: 39840795; PMCID: PMC11751874.
11. Van Vooren E, Van Den Broeck F, Mahieu Q, Geens E, Van Heetvelde M, De Bruyne M, Van de Sompele S, Uppal S, Poliakov E, Dhaenens C-M, Gregory-Evans CY, Hoefsloot L, Iglesias Gonzalez A, Kohl S, Zuleger T, Demaret T, Tuupanen S, Ruys J, Van Os L, Platteau E, Jacob J, Vermeer S, Postelmans L, Dahan K, Maystadt I, Rasquin F, Thiadens AAHJ, Stephenson KAJ, Sheri N, Smirnov V, **MacDonald IM**, Gregory-Evans K, Redmond TM, De Zaeytijd J, Leroy BP, Bauwens M, De Baere E, on behalf of the Dominant RPE65-p.(E519K) Consortium; RPE65 Variant p.(E519K) Causes a Novel Dominant Adult-Onset Maculopathy in 83 Affected Individuals. *Invest. Ophthalmol. Vis. Sci.* 2025;66(12):53. <https://doi.org/10.1167/iops.66.12.53>.
12. Xing Z, Wu F, Cortes-Gomez E, Pao A, Gao L, Douglas A, Li Y, Sperryak JA, Wong GW, Singh PK, Wang J, Liu S, Thanavala Y, **MacDonald IM**, Mu X, Yu YE. Genetic Analysis of Choroideremia-Related Rab Escort Proteins. *Int J Mol Sci.* 2025;26(8):3636. doi: 10.3390/ijms26083636. PMID: 40332248; PMCID: PMC12027379.
13. Niri F, Radziwon A, Mah R, Sankila E-M, Wang N-K, **MacDonald IM**. Identification of two novel mutations in the CHM gene causing choroideremia. *American Journal of Medical Genetics Part A*. Article ID: 100484929 DOI: 10.1002/ajmg.a.70095 2026 Feb 19

GLAUCOMA

14. Lakhani M, Patil N, Chaudry E, Popovic MM, **Palakkamanil M**, Damji KF. Systemic and ophthalmic drugs associated with glaucoma: an international, population-based observational study. *Can J Ophthalmol.* 2026 Apr 8:S0008-4182(26)00129-8
15. Hodgson K, **Palakkamanil MM**, Zhang A, Dyachok OM, Smith CA, Nicolela MT, Chauhan BC, Shuba LM. Effect of ginkgo biloba extract on macula and peripapillary perfusion examined using optical coherence tomography angiography. *Can J Ophthalmol.* 2025 Aug;60(4):e566-e571

MEDICAL EDUCATION

12. Bondok M, Ahmad S, Mishra A, Law C, Nathoo **N**, **Ing E**. Improving mentorship for residency applications: insights from the Canadian match mentorship program. *BMC Med Educ.* 2025;25:1616.
13. Bondok M, Selvakumar R, Law C, **Ing EB**, Bakshi NK, Felfeli T. Comparing Ophthalmologist and Artificial Intelligence Chatbot Responses to Patient Questions. *Clin Ophthalmol.* 2025;19:4293-4300.

NEURO-OPHTHALMOLOGY

14. Tran E, Nair G, Bursztyn LLCD, Fraser JA, **Ing EB**. The Diagnostic Yield of Antiacetylcholine Receptor Antibodies Versus Antimuscle Kinase Antibodies in Ocular Myasthenia Gravis: A Meta-Analysis. *J Neuroophthalmol.* 2025 Aug 1. doi: 10.1097/WNO.0000000000002382.
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16. Hanna A, **Ing EB**, Sundaram AN, Bril V, Sharma RA. Late-Onset Mitochondrial Neurogastrointestinal Encephalopathy Presenting With Isolated Ophthalmic Findings. *J Neuroophthalmol.* 2025 Dec;45(4):e273-e274.
17. Mihalache A, Huang RS, Eng KT, Sharma RA, **Ing E**, Sundaram AN. Bilateral Papillitis and Unilateral Central Serous Retinopathy Associated with Dabrafenib and Trametinib Use in Metastatic Cutaneous Melanoma. *Neuro-Ophthalmology.* 2026 Jan 10:1-4.
18. Dhivagaran T, Butt FR, Nasri D, Maini P, Lin E, Tao BK, Sundaram A, **Ing E**, Sharma R. Prevalence of diplopia among giant cell arteritis patients: a systematic review and meta-analysis. *Eye.* 2026 Jan. doi: 10.1038/s41433-026-04254-1.
19. Lim K, **Ing E**. Re: Chauhan et al.: Risk of giant cell arteritis among patients presenting with undifferentiated noninfectious uveitis. *Ophthalmology.* 2026 Feb 12:S0161-6420(26)00013-8.
20. Huang RS, Mihalache A, **Ing E**, Sharma RA, Machnowska M, Sundaram AN. Optic Neuritis Secondary to PD-1 Inhibition in a Patient with Ovarian Cancer. *Neuro-Ophthalmology.* 2026 Feb 14:1-4.

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23. Hanna A, Issa M, **Ing EB**, Sundaram ANE, Sharma R. Headache and decreased vision in an older woman. American Academy of Ophthalmology, ONE Network. 2026.
24. **Lewis JR**, Malem AH, Buncic JR. Periodic alternating esotropia associated with disorders of neural tube closure. *Journal of American Association for Pediatric Ophthalmology and Strabismus*. 2025 Jun 1;29(3):104226.
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26. Mihalache A, Huang RS, Tyndel FJ, **Ing E**, Mollan SP, Sundaram ANE. Idiopathic Intracranial Hypertension Prevalence and Hormonal Contraception: A Meta-Analysis. *Neurology*. 2026 Apr 28;106(8):e214832.

OCULOPLASTICS

27. Saffari PS, Glasgow BJ, Lucarelli KM, **Roelofs KA**. Periorbital Intravenous Lobular Pyogenic Granulomas: A Case Report and Literature Review of This Peculiar Pathology. *Ophthalmic Plast Reconstr Surg*. 2025 Jan-Feb 01;41(1):e15-e18.
28. Tao BK, Naveed F, Al-Burak SA, Lim K, Vosoughi AR, Chang K, El-Hadad C, Nassrallah G, Hussain A, Arthurs B, Nijhawan N, **Ing EB**. Prevalence of phantom eye syndrome following eye removal: a systematic review and meta-analysis. *Orbit*. 2025 Aug 28:1-8.
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30. **Ing E**, Bondok M. Oculoplastics and Augmented Intelligence: A Literature Review. *J Clin Med*. 2025 Sep 28;14(19):6875.
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34. Saffari PS, Strawbridge JC, **Roelofs KA**, Rootman DB, Goldberg RA, Karlin JN. Facial Aging in Thyroid Eye Disease: Quantification by Artificial Intelligence. *J Craniofac Surg*. 2025.
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ONCOLOGY

38. Campbell P, Crump RT, Laycock E, Khan A, **Weis E**. Advancing ocular oncology care through teleophthalmology: a patient-centric perspective. *Can J Ophthalmol*. 2025 Apr;60(2):107-112.
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PEDIATRICS & STRABISMUS

45. Lee JJ, Patil N, Schimmel T, **Benson MD**, DeSerres JJ. Acquired Brown Syndrome as a Postoperative Complication of Orbital Wall Fracture Repair with Metallic Mesh. *Plast Surg (Oakv)*. 2025 Aug 29.
46. Sachdeva K, Turcios M, **Solarte CE**. Pediatric teleophthalmology screening: a scoping review of global evidence and implications for Canada. *Can J Ophthalmol*. 2026 Apr;61(2):373-380.

RETINA

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