

Dr. Chitaranjan Mishra

Peer-Reviewed Journals

1. Mishra C, Sen S, Kannan NB, Ramasamy K. Ultra-wide-field fundus autofluorescence and asteroid hyalosis. *Natl Med J India*. 2021 May-Jun;34(3):186
2. SenthilKumar VA, Mishra C, Kannan NB, Raj P. Peripapillary and macular retinoschisis - A vision-threatening sequelae of advanced glaucomatous cupping. *Indian J Ophthalmol*. 2021 Dec;69(12):3552-8.
3. Ng SMS, Low R, Hoskin AK, Rousselot A, Gunasekeran DV, Natarajan S, Sundar G, Chee CKL, Mishra C, Sen P, Pradhan E, Irawati Y, Kamalden TA, Shah M, Yan H, Woreta FA, Subramanian PS, Kuhn F, Watson SL, Agrawal R; for IGATES Study Group -an Asia Pacific Ophthalmic Trauma Society Initiative. The application of clinical registries in ophthalmic trauma-the International Globe and Adnexal Trauma Epidemiology Study (IGATES). *Graefes Arch Clin Exp Ophthalmol*. 2021 Nov 23. [Epub]
4. Ramasamy K, Mishra C. Commentary: Obstructive sleep apnea: A silent associate of diabetic retinopathy. *Indian J Ophthalmol*. 2021 Nov;69(11):3357-3358.
5. Mishra C, Tripathy K. Commentary: Delphi method in ophthalmology: The guiding principles from experienced minds for ambiguous clinical situations. *Indian J Ophthalmol*. 2021 Nov;69(11):3319-3320.
6. Babu N, Kohli P, Mishra C, Rajan RP, Kumar K, Ramasamy K, Dara R, Lakshmi CC. Surgical outcome of full-thickness macular hole secondary to tractional retinal detachment in proliferative diabetic retinopathy. *Indian J Ophthalmol*. 2021 Nov;69(11):3302-3307.
7. Kumar K, Baliga G, Babu N, Rajan RP, Kumar G, Mishra C, Chitra R, Ramasamy K. Clinical features and surgical outcomes of complications of proliferative diabetic retinopathy in young adults with type 1 diabetes mellitus versus type 2 diabetes mellitus - A comparative observational study. *Indian J Ophthalmol*. 2021 Nov;69(11):3289-3295.
8. Ahuja AA, Mishra C. Commentary: Outcomes of preoperative bevacizumab in diabetics with nonclearing vitreous hemorrhage without tractional detachment – A

quasi-randomized retrospective study. *Indian J Ophthalmol.* 2021 Nov;69(11):3287-3288.

9. Ramasamy K, Mishra C. Commentary: Smartphone imaging integrated with offline artificial intelligence - A boon for the screening of diabetic retinopathy. *Indian J Ophthalmol.* 2021 Nov;69(11):3154-3155.
10. Mishra C. Commentary: Profile of sight-threatening diabetic retinopathy and its awareness among patients with diabetes mellitus attending a tertiary care center in Kashmir, India. *Indian J Ophthalmol.* 2021 Nov;69(11):3130-3131.
11. Ramasamy K, Mishra C, Kannan NB, Namperumalsamy P, Sen S. Telemedicine in diabetic retinopathy screening in India. *Indian J Ophthalmol.* 2021 Nov;69(11):2977-2986.
12. Kohli P, Babu N, Mishra C, Damodaran S, Bhavani S, Kumar M, Ramasamy K. Incidence of ocular and systemic diseases affecting visual function among state bus drivers. *Indian J Ophthalmol.* 2021 Oct;69(10):2625-2628.
13. Damodaran S, Mishra C, Babu N. Polyvinyl chloride deflector: A simple way to reduce slit-lamp lens fogging. *Indian J Ophthalmol.* 2021 Oct;69(10):2883-2884.
14. Senthilkumar VA, Mishra C, Kannan NB. Peripapillary and Macular Retinoschisis Associated with Advanced Glaucoma. *Ophthalmol Glaucoma.* 2021 Sep-Oct;4(5):462.
15. Hoskin AK, Low R, de Faber JT, Mishra C, Susvar P, Pradhan E, Rousselot A, Woreta FA, Keay L, Watson SL, Agrawal R; IGATES Fireworks study group. Eye injuries from fireworks used during celebrations and associated vision loss: the international globe and adnexal trauma epidemiology study (IGATES). *Graefes Arch Clin Exp Ophthalmol.* 2021 Aug 28. [Epub]
16. Tripathy K, Mishra C, Addya S. Commentary: Available evidence on early treatment of central serous chorioretinopathy. *Indian J Ophthalmol.* 2021 Sep;69(9):2348-2349.
17. Hoskin AK, Low R, Sen P, Mishra C, Kamalden TA, Woreta F, Shah M, Pauly M, Rousselot A, Sundar G, Natarajan S, Keay L, Gunasekeran DV, Watson SL, Agrawal R; for IGATES Study Group - An Asia Pacific Ophthalmic Trauma Society publication. Epidemiology and outcomes of open globe injuries: the international

globe and adnexal trauma epidemiology study (IGATES). *Graefes Arch Clin Exp Ophthalmol.* 2021 Jun 26. [Epub]

18. Sen S, Mishra C, Kannan NB, Ramasamy K, Rameshkumar G, Lalitha P. Incidence and outcomes of endophthalmitis with in-house compounded intravitreal bevacizumab injections: A multicentric study. *Semin Ophthalmol.* 2021 Mar 22:1-10. [Epub]
19. Mishra C. Commentary: Impact of treatment of diabetic macular edema on visual impairment in people with diabetes mellitus in India. *Indian J Ophthalmol.* 2021 Mar;69(3):676-677.
20. Mishra C. Commentary: Caveats in the screening and management of cytomegalovirus retinitis in human immune deficiency virus and non-human immune deficiency virus infected patients. *Indian J Ophthalmol.* 2021 Mar;69(3):628-629.
21. Ramasamy K, Mishra C. Capacity building for diabetic retinopathy screening by optometrists in India. *Indian J Ophthalmol.* 2021 Mar;69(3):482.
22. Shekhar M, Pai A, Kumar A, Sankaranathan R, Senthil Prasad R, Bhanumathi HS, Wijesinghe HK, Mishra C. Outcomes of Manual Small Incision Cataract Surgery and Phacoemulsification in eyes with Chorio-retinal Coloboma. *J Cataract Refract Surg.* 2021 Jan 21. [Epub]
23. Shekhar M, Lamba P, Haripriya A, Ravindran S, Palod S, Mishra C, Sundar B, Sen S. Acute Postoperative Endophthalmitis after re-surgery following primary cataract surgery, 9 years of experience from a tertiary eye care center. *J Cataract Refract Surg.* 2021 Jan 21. [Epub]
24. Kannan NB, Sen S, Mishra C, Lalitha P, Rameshkumar G, Kumar K, Rajan RP, Ramasamy K. Ten-year trends in the incidence, clinical profile and outcomes of acute-onset endophthalmitis following combined pars plana vitrectomy and sutureless, glueless and flapless scleral fixation of intraocular lenses. *Int Ophthalmol.* 2021 Jan 29. [Epub]
25. Rajendrababu S, Wijesinghe HK, Uduman MS, Kannan NB, Mishra C, Prajna L. A comparative study on endothelial cell loss in nanophthalmic eyes undergoing cataract surgery by phacoemulsification. *Indian J Ophthalmol.* 2021 Feb;69(2):279-285.

26. Kannan NB, Sen S, Lalitha P, Mishra C, Rameshkumar G, Hariharan G, Siva Ganesa Karthikeyan R, Ramasamy K. Challenges in Post-cataract Surgery Nocardia Endophthalmitis: Management Strategies and Clinical Outcomes. *Ocul Immunol Inflamm.* 2020 Oct 6:1-6. [Epub]
27. Senthilkumar VA, Mishra C. Ultra-widefield image of choroidal detachment after combined glaucoma filtration surgery. *Indian J Ophthalmol.* 2020 Aug;68(8):1669.
28. Babu N, Kohli P, Mishra C, Sen S, Arthur D, Chhablani D, Baliga G, Ramasamy K. To evaluate the effect of COVID-19 pandemic and national lockdown on patient care at a tertiary-care ophthalmology institute. *Indian J Ophthalmol.* 2020 Aug;68(8):1540-1544.
29. Mishra C, Kannan NB, Sen S, Singh K, Damodaran S, Kohli P, Kumar K, Rajan RP, Baliga G, Ramasamy K. Clinical presentation and prognostic factors affecting surgical outcomes of secondary macular holes after retinal vein occlusions. *Int Ophthalmol.* 2020 Jun 12. [Epub]
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31. Sen S, Lalitha P, Mishra C, Parida H, Rameshkumar G, Kannan NB, Ramasamy K. Post-cataract Surgery Fungal Endophthalmitis: Management Outcomes and Prognostic Factors. *Ocul Immunol Inflamm.* 2020 Apr 10:1-7. [Epub]
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33. Kim U, Mishra C, Dheera MS. Phthiriasis Palpebrarum in A Psychiatric Patient. *Indian Dermatol Online J.* 2019 Sep 26;11(1):125.
34. Agrawal R, Ding J, Sen P, Rousselot A, Chan A, Nivison-Smith L, Wei X, Mahajan S, Kim R, Mishra C, Agarwal M, Suh MH, Luthra S, Munk MR, Cheung CY, Gupta V; CVI.grid. Exploring choroidal angioarchitecture in health and disease using choroidal vascularity index. *Prog Retin Eye Res.* 2020 Jan 10:100829. [Epub]

35. Kannan NB, Sen S, Mishra C, Lalitha P, Rameshkumar G, Rajan RP, Arumugam KK, Ramasamy K. Comparative Study of Microbiological Profile and Management Outcomes of Acute Endophthalmitis after Microincision Vitrectomy Surgery versus Intravitreal Injections. *Ocul Immunol Inflamm*. 2020 Jan 3:1-7. [Epub]
36. Mishra C, Ramasamy K. Commentary: A novel, standardized, reproducible method to calculate the area of internal limiting membrane peeled intraoperatively in macular hole surgery using a video overlay: A long-term study in cases of idiopathic macular holes. *Indian J Ophthalmol*. 2020 Jan;68(1):163.
37. Mishra C, Kannan NB, Ramasamy K, Balasubramanian DA. Retinal Astrocytic Hamartoma in Tuberous Sclerosis. *Indian Dermatol Online J*. 2019 Nov 1;10(6):753-754.
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39. Mishra C, Kim U, Dheera MS. Combined treatment modality for phthiriasis palpebrarum. *Indian J Med Microbiol*. 2019 Apr-Jun;37(2):296-297.
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42. Mishra C. Commentary: Role of PASCAL and optical coherence tomography angiography in the treatment of diffuse unilateral subacute neuroretinitis caused by large live motile worm. *Indian J Ophthalmol*. 2019 Sep;67(9):1496-1497.
43. Mishra C, Babu N, Kohli P, Ramasamy K. Ultra-wide field imaging of nucleus drop in vitreous. *Indian J Ophthalmol*. 2019 Aug;67(8):1343.
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edema-A novel OCT based imaging biomarker. PLoS One. 2018 Dec 11;13(12):e0207435.

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