

PUBLICATIONS (2008-2017)

1. Agarkar S, Gokhale VV, Raman R, Bhende M, Swaminathan G, Jain M. Incidence, Risk Factors, and Outcomes of Retinal Detachment after Pediatric Cataract Surgery. *Ophthalmology*. 2018 Jan;125(1):36-42. doi: 10.1016/j.ophtha.2017.07.003. Epub 2017 Aug 24
2. Hussaindeen, J. R., Rakshit, A., Singh, N. K., Swaminathan, M., George, R., Kapur, S., Scheiman, M. and Ramani, K. K. (2017), The minimum test battery to screen for binocular vision anomalies: report 3 of the BAND study. *Clin Exp Optom*. doi:10.1111/cxo.12628
3. Srikrupa, N. N., Srilekha, S., Sen, P., Arokiasamy, T., Swaminathan, M., Bhende, M., Kapur, S. and Soumittra, N., Genetic Profile and Mutation Spectrum of Leber Congenital Amaurosis in a Larger Indian Cohort using High Throughput Targeted Re-sequencing. *Clin Genet*. Accepted Author Manuscript. doi:10.1111/cge.13159
4. Agarkar S, Desai R, Singh S, Jaisankar D, Bhende P, Raman R. Influence of laser versus lens-sparing vitrectomy on myopia in children with retinopathy of prematurity. *Indian Journal of Ophthalmology*. 2017;65(9):841-845. doi:10.4103/ijo.IJO_165_17
5. Koka K, Mukherjee B, Agarkar S, Effect of oral propranolol on periorcular Capillary Hemangiomas of Infancy, *Pediatrics and Neonatology* (2017), <https://doi.org/10.1016/j.pedneo.2017.11.021>
6. Sudha D, Ganapathy A, Mohan P, Mannan AU, Krishna S, Neriyanuri S, Swaminathan M, Rishi P, Chidambaram S, Arunachalam JP. Clinical and genetic analysis of Indian patients with NDP-related retinopathies. *Int Ophthalmol*. 2017 Jun 10. doi: 10.1007/s10792-017-0589-0. [Epub ahead of print] PMID:28602015
7. Balekudaru S, Sankaranarayanan N, Agarkar S. Prevalence, Incidence, and Risk Factors for the Development of Glaucoma in Patients With Aniridia. *J Pediatr Ophthalmol Strabismus*. 2017 May 15:1-6. doi: 10.3928/01913913-20170322-01. [Epub ahead of print] PubMed PMID: 28510772.
8. Agarkar S, Kaduskar A. Congenital inverse Duane's retraction syndrome: A rare presentation. *Indian Journal of Ophthalmology*. 2017;65(5):422-423. doi:10.4103/ijo.IJO_72_14

9. Jain DH, Natarajan KK. Rare association of optic disk pits with myelinated retinal nerves. J AAPOS. 2017 Oct;21(5):429-430. doi:10.1016/j.jaapos.2017.06.016
10. Hussaindeen, J. R., Rakshit, A., Singh, N. K., George, R., Swaminathan, M., Kapur, S., Scheiman, M. and Ramani, K. K. (2017), Prevalence of non-strabismic anomalies of binocular vision in Tamil Nadu: report 2 of BAND study. Clin Exp Optom, 100: 642–648. doi:10.1111/cxo.12496
11. Gokhale V, Agarkar S. Persistent Pupillary Membrane. N Engl J Med. 2017 Feb 9;376(6):561. doi: 10.1056/NEJMicm1507964. PubMed PMID: 28177872
12. Hussaindeen, J. R., Rakshit, A., Singh, N. K., Swaminathan, M., George, R., Kapur, S., Scheiman, M. and Ramani, K. K. (2017), Binocular vision anomalies and normative data (BAND) in Tamil Nadu: report 1. Clin Exp Optom, 100: 278–284. doi:10.1111/cxo.12475
13. Kandeegan, S., Karthikeyan, S., Thirumalai, K., Swaminathan, M., Agarkar, S., Subramian, N. and Sarangapani, S. High-throughput genetic analysis in a cohort of patients with Ocular Developmental Anomalies -Can J biotech, Volume 1, Special Issue, Page 92
14. Agarkar S, Desai R, Jambulingam M, Sumeer SH, Raman R. Incidence, management, and visual outcomes in pediatric endophthalmitis following cataract surgery by a single surgeon. J AAPOS. 2016 Oct;20(5):415-418. doi: 10.1016/j.jaapos.2016.05.010. Epub 2016 Jun 23.
15. Swaminathan M, Ramasubramanian S, Pilling R, Li J, Golnik K.. ICO-OSCAR for pediatric cataract surgical skill assessment J AAPOS. 2016 Aug;20(4):364-5. doi: 10.1016/j.jaapos.2016.02.015. Epub 2016 Jul 5.
16. Sundaramurthy S, Swaminathan M, et al. Homozygosity mapping guided next generation sequencing to identify the causative genetic variation in inherited retinal degenerative diseases. Journal of Human Genetics. 2016. 61: 951-958
17. Ramkumar VA, Agarkar S, Mukherjee B. Nasolacrimal duct obstruction: Does it really increase the risk of amblyopia in children? Indian Journal of Ophthalmology. 2016;64(7):496-499. doi:10.4103/0301-4738.190101.
18. Molinari A, Plager D, et al. Accessory extraocular muscle as a cause of restrictive strabismus. Strabismus. 2016.24: 178-183

19. Patil-Chabblani P, Murthy S, Swaminathan M. Ophthalmic profile and systemic features of pediatric facial nerve palsy. *J Eye Sci.* 2016;1:7
20. Nambiar S, Ramasubramanian S, Swaminathan M. Brown's syndrome with ocular albinism: Case report of a rare presentation and literature review. *Oman Journal of Ophthalmology.* 2015;8(2):117-119. doi:10.4103/0974-620X.159264.
21. Alam MS, Kumar PKV, Mukherjee B. Chalazion: Demographic, clinical characteristics and histopathological analysis of 481 cases in a tertiary care centre. *International J of Medical and Health Research,* 2016;2:34-36
22. Muthuramalingam, Naganathan & Swaminathan, Meenakshi & Jaggernath, Jyoti & Surendran, Thandalam. (2016). Screening efficacy of a simplified logMAR chart. *African Vision and Eye Health.* 75. . 10.4102/aveh.v75i1.323
23. Oberoi P, Ramasubramanian S, Mukherjee B. Orbital dermoid presenting as a case of ptosis with monocular elevation deficiency. *Can J Ophthalmol.* 2016;51:e29-31.
24. Mukherjee B, Priyadarshini O, Ramasubramanian S, Agarkar S. Iatrogenic Injury to Medial Rectus After Endoscopic Sinus Surgery. *Indian Journal of Otolaryngology and Head & Neck Surgery.* 2015;67(4):394-402. doi:10.1007/s12070-015-0887-7
25. Srilekha S, Arokiasamy T, Srikrupa NN, Umashankar V, Meenakshi S, Sen P, et al. (2015) Homozygosity Mapping in Leber Congenital Amaurosis and Autosomal Recessive Retinitis Pigmentosa in South Indian Families. *PLoS ONE* 10(7): e0131679. <https://doi.org/10.1371/journal.pone.0131679>
26. Aquaporin-4 antibody(NMO-Ab) status in patients with severe optic neuritis in India, *Int Ophthalmology* , Dec 15; 35(6):801-6, Selvakumar Ambika, Mahalakshmi , Lily Theresa, Akila Ramkumar, Deepak Arjundas
27. Praveen KV, Ramasubramanian S, Swaminathan M. Strabismus in orbital trauma- A major review. *Ind Journal of Strabismology and Pediatr Ophthal.* Vol1 (1).June 2015
28. Rakshit, Archayeeta & Negiloni, Kalpa & Agarkar, Sumita & Hussaindeen, Jameel Rizwana. (2015). Improvement and Sustainability of Visual Functions with Action Videogame Play in an Adult with Amblyopia: A Case Report. *international journal of health sciences and research.* 5. 464
29. M Swaminathan, Shah SV, Mittal S, Gunasekaran A. Results of bilateral medial rectus recession for comitant esotropia in patients with developmental delay. *Strabismus.*

2014. May 5.

30. Srikrupa NN, Meenakshi S, Arokiasamy T, Murali K, Soumitra N. Leber's congenital amaurosis as the retinal degenerative phenotype in thiamine responsive megaloblastic anemia: a case report. *Ophthalmic Genet.* 2014. 35(2). 119-24
31. Hussaindeen JR, Mani R, Agarkar S, Ramani KK, Surendran TS. Acute adult onset comitant esotropia associated with accommodative spasm. *Optom Vis Sci.* 2014 Apr;91(4 Suppl 1):S46-51. doi: 10.1097/OPX.000000000000182. PubMed PMID:24584303.
32. T S Surendran, Srikanth R. Recent advances in Pediatric ophthalmology. *Ind J Strab and Pediatric Ophthalmology.* 1(11)2014: 3-6
33. Mukherjee B, Pagad H, Agarkar S. Restrictive strabismus: an unusual presentation of an intraorbital foreign body. *Can J Ophthalmol.* 2013 Feb;48(1):e1-3.
34. Agarkar S, Devi CS. Completion rates of anterior and posterior continuous curvilinear capsulorrhexis in pediatric cataract surgery for surgery performed by trainee surgeons with the use of a low-cost viscoelastic. *Indian Journal of Ophthalmology.* 2013;61(10):614-615. doi:10.4103/0301-4738.121097.
35. Rishi P, Rishi E, Gupta A, Swaminathan M, Chhablani J. Vitreous hemorrhage in children and adolescents in India. *JAAPOS.* 2013. 17(1):64-9
36. Akshay Nair, Meenakshi Swaminathan, Sandeep Mark Thirumalai. Unilateral myelinated nerve fibers associated with ipsilateral myopia and amblyopia in a 13 year old. *Journal of Pediatric ophthalmology and Strabismus.* 2012;49(6):384
37. R. Srikanth, S Meenakshi, Raka Chatterjee, Mukherjee B. Orbital dermoid mimicking a monocular elevation deficiency. *Oman J Ophthalmol.* 2012. 5(2): 118
38. Esthesioneuroblastoma – An Atypical Presentaion, Dr. V. Akila Ramkumar , Dr. Kavitha Kalaivani , Sri Ramachandra Journal of Medicine , 2012; 5:26-27
39. Swaminathan M. Cortical visual impairment in children — A new challenge for the future? *Oman Journal of Ophthalmology.* 2011;4(1):1-2. doi:10.4103/0974-620X.77654.
40. Patil PA, Meenakshi S, Surendran TS. Refractory reverse amblyopia with atropine penalization. *Oman J Ophthalmol* 2010. 3(3):148-9

41. Chekitaan, Karthikeyan B, Meenakshi S. The results of treatment of anisomyopic and anisohypermetropic amblyopia. *Int Ophthalmol* 2009;29 (4):231-7
42. Naik UV, Agarkar S, Swaminathan M, Surendran TS. Spontaneous late-onset comitant acute nonaccommodative esotropia in children. *Indian J Ophthalmol*. 2008 Jan-Feb;56(1):90-1. PubMed PMID: 18158425; PubMed Central PMCID: PMC2636041
43. Mamatha G, Srilekha S, Meenakshi S, Kumaramanickavel G. Screening of the RPE65 gene in the Asian Indian patients with leber congenital amaurosis. *Ophthalmic Genet*. 2008;29(2):73-8