



MAHARAJA AGRASEN MEDICAL COLLEGE AGROHA (HISAR)
DEPARTMENT OF OPHTHALMOLOGY

etc

Letter No: MAMC/EYE/2026/816

Dated: 17.09.2026

To
The Director
MAMC, Agroha

Subject: Regarding Academic and Research Information.

Respected Sir,

With reference to your letter no. MAMC/IT/0981-87 Dated: 11.09.2026, attached herewith is the list (Annexure) of academic and research information.

Enclosure:

1. Annexure - 1 (Page No. 1)
2. Annexure - 2 (Page No. 2-3)
3. Annexure - 3 (Page No. 4)
4. Annexure - 4 (Page No. 5-7)
5. Annexure - 6 (Page No. 8)

Sagarika
Professor

Department of Ophthalmology
MAMC, Agroha

Dr Sagarika
(MS Ophthalmology)
Professor MAMC Agroha

UG/ PG/DNB/ DIPLOMA and other courses being conducted

Sr. No.	Name of Course	Seats
1	MBBS	100
2	MS Ophthalmology	03
3	B. Sc. Optometry	10

Departmental academic and research activities on going since 2021

Sr. No.	Thesis Title	Status of Thesis	Name of Guide/ Co guide	Name of PG Students
1	"Comparison of visual function between developmentally delayed and normally developing under-5 children".	Ongoing	Dr. Sagarika Aggarwal	Dr. Pankaj
2	Profile of amblyopia in strabismic children and its awareness among parents /guardians.	Ongoing	Dr. Aparna Singhal	Dr. Harsh Sharma
3	"Evaluation of effect of intravitreal ranibizumab therapy on optical coherence tomography angiography biomarkers and central macular thickness from baseline in diabetic macular edema"	Ongoing	Dr. Sagarika Aggarwal	Dr. Akshit Goyal
4	"Pattern of ocular Injuries and its medicolegal implications in a tertiary care centre of Western Haryana Region"	Ongoing	Dr. Aparna Singhal	Dr. Nikita Dhankhar (PG - FMT)
5	"Comparative evaluation of clinical outcomes after phacoemulsification in nuclear cataract versus posterior polar cataract patients"	Ongoing	Dr. Sagarika Aggarwal	Dr. Renu Yadav
6	"Evaluation of the clinical spectrum of infectious keratitis in adult patients at a tertiary eye care center"	Ongoing	Dr. Aparna Singhal	Dr. Mehak Gambhir
7	"Changes in central macular thickness in diabetic and non-diabetic patients after phacoemulsification"	Ongoing	Dr. Sagarika Aggarwal	Dr. Loveleen Verma
8-	"Comparative study on ocular manifestation in vitiligo and non-vitiligo patients".	Completed	Dr. Sagarika Aggarwal	Dr. Vandana

9	"Evaluation of cost of topical anti-glaucoma medicines in adult patients of glaucoma".	Completed	Dr. Parveen Rewri	Dr. Sourav
10	"To evaluate ocular biometric changes in patients initiated on antipsychotics and antidepressants".	Completed	Dr. Aparna Singhal	Dr. Sarita Gauri
11	"To compare the efficacy of intracameral adrenaline and fixed dose combination of intracameral tropicamide, phenylephrine and lidocaine for pupillary dilation in phacoemulsification surgeries under topical anesthesia".	Completed	Dr. Sagarika Aggarwal	Dr. Ridhima
12	Association between severity of meibomian gland dysfunction and serum lipid profile in adults	Completed	Dr. Aparna Singhal	Dr. Riya
13	"Comparative evaluation of lactate level in aqueous humour and serum in patients with primary glaucoma and cataract".	Completed	Dr. Parveen Rewri	Dr. Naveen
14	Comparison of iris hook and B-HEX pupil expander for dilating pupil and B-HEX pupil expander for dilating pupil during senile cataract surgery. ⁹	Completed	Dr. Parveen Rewri	Dr. Sandeep Jangra

Important achievements/ recent activities.

Sr. No.	Conference Attended by Faculty
1	APAO -2025
2	AIOS Annual
3	DOS-Annual
4	YOSICon
5	VRS Guwahati
6	SPOSI
7	CVI LVPEI
8	HOS-Annual
9	APVRS
10	AIOS SANGAM
	Recent activities
1	Workshop CBME NMC 2024 guidelines
2	AIOS Webinar

Publications from the department during the past 5 years:

1. Gupta M, Singhal A. ATT induced asymmetric bilateral toxic optic neuropathy with unilateral visual loss: A case report. *Haryana J Ophthalmol.* 2026;75. doi:10.4103/hjoo.hjoo_23_26.
2. Kamboj R, Singhal A, Aggarwal S, Pandey S. Association of meibomian gland dysfunction and serum lipid profile in adults: a hospital-based cross-sectional study. *Acta Med Int.* 2025;12(2).
3. Singhal A, Aggarwal H, Yadav A, Aggarwal S. A comparative evaluation of student perceptions of binocular loupes and torchlights in ophthalmology skills training for undergraduate medical students: a crossover trial employing a mixed-methods approach. *Cureus.* 2025;17(12):e98563.
4. Balekuduru S, Pandey A, Rewri P, George R, Vijaya L, Baskaran M. Clinical associations for the development of malignant glaucoma following intraocular surgery. *Indian J Ophthalmol.* 2025;73(Suppl 2):S240-S243.
5. Kaur S, Abhaypal K, Yangzes S, Thakur A, et al. Efficacy of structured surgical-simulator training on the performance of ophthalmology residents during phacoemulsification surgery. *Eur J Ophthalmol.* 2025Dec.doi:10.1177/11206721251407861.
6. Gauri S, Singhal A, Pandey D. The emerging need for seeing cerebral visual impairment Haryana Journal of Ophthalmology. 2025;XVII(1):20-25. doi:10.4103/HJOO.HJOO_22_25
7. Gupta M, Singhal A. ATT induced asymmetric bilateral toxic optic neuropathy with unilateral visual loss: A case report Haryana Journal of Ophthalmology. 2026;XVII(3):220-225. doi:10.4103/HJOO.HJOO_23_26
8. Agarwal, A., Banerjee, M., Azad, S.V. et al. Evaluation of peripheral retinal degenerations using ultra-widefield swept source optical coherence tomography. *Graefes Arch Clin Exp Ophthalmol* **263**, 305–313 (2025). <https://doi.org/10.1007/s00417-024-06593-9>
9. Bedwal A, Banerjee M, Rewri P. Branch retinal artery occlusion in a young patient with Mayer-Rokitansky-Küster-Hauser type 2 syndrome. *Oman J Ophthalmol.* 2024;17(3):393-395. Published 2024 Oct 24. doi:10.4103/ojo.ojo_48_24
10. Banerjee M, Virani B, Azad S. Coexistence of different phenotypes of pigmentary retinopathy with macular involvement Indian Journal of Ophthalmology - Case Reports. 2024;4(1):327-328. doi:10.4103/IJO.IJO_2509_23
11. Banerjee M, Phuljhele S, Saxena R, et al. Impact of weight reduction on structural and functional parameters of the optic nerve in idiopathic intracranial hypertension. *Eur J Ophthalmol.* 2024;34(5):1594-1599.doi:10.1177/11206721241232038
12. Banerjee M, Kumar A, Azad SV, Chawla R. Bilateral peripapillary choroidal neovascular membranes in Vogt-Koyanagi-Harada disease. *BMJ Case Rep.* 2024;17(6):e256973. Published 2024 Jun 27. doi:10.1136/bcr-2023-256973
13. Virani S, Bhatiwala A, Rewri P. Efficacy, safety, and cost-effectiveness of biosimilars of bevacizumab in naïve patients with diabetic macular edema. *Indian J Pharmacol.* 2024;56(4):248-252.

14. Rewri P, Pandey SM, Singhal R, Bishnoi M. Determinants of mortality in COVID -19-associated opportunistic fungal infection: a retrospective study. *Infect Dis Clin Pract.*2024;32(4):e1384.
15. Virani S, Rewri P. Survey and analysis of accessibility, availability, and affordability of topical glaucoma medicines. *Indian J Ophthalmol.* 2024;72(Suppl 4):S574-S579.
16. Rewri P. Diabetes mellitus and glaucoma. *Haryana J Ophthalmol.* 2024;16(2):101-105.
17. Ridhima S, Rewri P. Kishanlal Jalan Government Eye Hospital: A forgotten legacy in community ophthalmology. *Haryana Journal Ophthalmology.*2004 XVI(2):p 158-60. | DOI: 10.4103/HJOO.HJOO_5_24
18. Rewri P, Garg S, Kumar R, Gupta G. A century of Loffer-Ascher syndrome. *Indian J Plast Surg.* 2023; 56(6):540-543
19. Kumar D, Ahmad F, Kumar A, Bishnoi M, Grover A, Rewri P. Risk Factors, Clinical Manifestations, and Outcomes of COVID-19-Associated Mucormycosis and Other Opportunistic Fungal Infections. *Cureus.* 2023; 15(9): e46289. Published 2023 Sep 30. doi:10.7759/cureus.46289
20. Bhatiwala A, Aggarwal S, Virani S, Kumar S, Rewri P. Oculocardiac reflex during pupilloplasty under peribulbar block. *Delhi j Ophthalmol.* 2023;33(2):105-106
21. Kumari A, Agarwal S, Singhal A, Yadav V, Rewri P. Understanding optical coherence tomography interpretation for glaucoma diagnosis and progression. *Haryana J Ophthalmol.*2023;15(1):37-43.
22. Virani S, Rewri P. An Update on pharmacotherapy of glaucoma. *Preprints* 2023, 2023072095. doi.:10.20944/preprints202307.2095.v1
23. Rewri P. Towards better management of glaucoma in India. *Indian J Ophthalmol*2023; 71:686-8.
24. Rewri P. Visual disability certification in persons with visual field loss. *Indian J Ophthalmol*2023; 71:307-8.
25. Garg A, Rewri P. Comparison of aqueous humour ascorbic acid level in smokers and non-smokers. *Exp Eye Res* 2023 Jan; 226:109302.
26. Agarwal S, Ali W, Rewri P. Comparison of three types of tonometers in healthy Indian eyes. *Int J Med Ophthalmol*2022; 4:1-4
27. Singh D, Rewri P, Aggarwal S. Comparison of surgical outcomes of cataract extraction by manual small incision cataract surgery and phacoemulsification in phacomorphic angle closure Delhi *J Ophthalmol*2022; 32 (6) 16-21
28. Rewri P, Ali W. Erroneous assumption of ocular hypertension in patients with elevated intraocular pressure. *Indian J Ophthalmol*2022; 70:564-68
29. Ali W, Aggarwal S. White senile cataract: Intermediate assessment of impact of vision 2020: The right to sight program in rural northern India. *Indian Journal of Applied Research* 2022;12(1)1-2 doi: 10.36106/ijar
30. Chaudhary P, Varshney A, Das MA, Videkar C, Chauhan L, Aggarwal S. Clinical features and visual acuity outcomes in culture-positive endogenous endophthalmitis. *Indian Journal of Applied Research* 2022;12(1) doi:10.36106/ijar

31. Sem M and COSMIC study group, Epidemiology, Clinical profile, management, and outcome of COVID-19-associated rhino-orbital-cerebral mucormycosis in 2826 patients in India – Collaborative OPAI-IJO Study on Mucormycosis in COVID-19 (COSMIC), Report I. Indian J Ophthalmology **2021**; 69:1670-92
32. Rewri P, Lohan A, Aggarwal S, Choudhary P, Singhal A, Cataract surgical reach: Falling short to catch white cataracts! Indian J Ophthalmol **2021**; 69:1575-8
33. Gupta P, Priya, Baishnab S, Rewri P. Comparative evaluation of efficacy and safety of bepotastinebesilate 1.5% ophthalmic solution versus olopatadine hydrochloride 0.1% ophthalmic solution in patients with vernal keratoconjunctivitis. Int J Basic ClinPharma **2021**; 10:552-60.
34. Rewri P, Choudhary A, Pamdey SM Singhal A, Choudhary P, Kumar S. Topical anaesthesia for cataract surgery: Patients's and surgeon's prespective: Delhi J Ophtahlmol **2021**; 31:32-36

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Research grant, awards and achievements.

Sr. No.	Type of Activities	Topic	Event	Year
1	Prof. Yasuo Tano Travel Grants	APVRS	Asia-Pacific Vitreo-retina Society	2024
2	2 nd Prize	ACON	Poster Presentation	2024
3	1 st Prize	ACON	Physical Poster Presentation	2024
4	1 st Prize	HOS MIS Term	Paper Presentation	2025
5	3 rd Prize	HOS MIS Term	Paper Presentation	2025
6	2 nd Prize	HOS Annual	Case Presentation	2026
7	2 nd Prize	HOS Annual	Teacher of Tomorrow	2026
8	2 nd Prize	HOS Annual	Teacher of Tomorrow	2026
9	Panelist for HOS Annual YOSI session	HOS Annual	Teacher of Tomorrow	2026
10	Best Mentee	HOS Annual	Teacher of Tomorrow	2026