

# MGM

# Newsletter

Issue - I, 2021



**MGM Eye Institute**

*In Pursuit of Excellence and Equity Eye Care  
A Mission for Preventing Curable Blindness*



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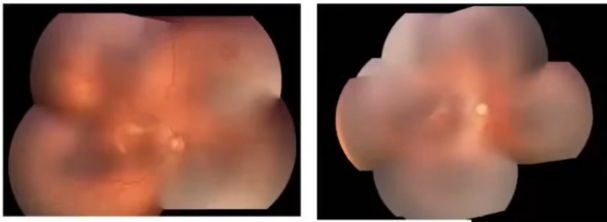
# MGM Newsletter

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## Taming the Tiger

### ROP Enclave

#### Pre (laser) treatment of Thrombocytopenia in APROP ?

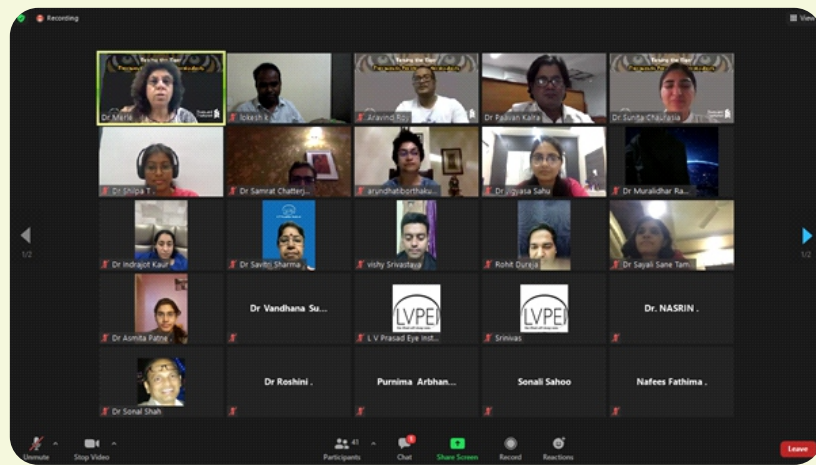


DO PLATELETS HAVE A ROLE IN THE PATHOGENESIS OF AGGRESSIVE POSTERIOR RETINOPATHY OF PREMATURITY?

ANAND VINEKAR, MD, FRCS, KAUSHIK BEJDE, MD, CLARE GILBERT, MD, SHREYAS BHAGANZA, MD, MARALISEDAPPA PRADREP, MD, ROHIT SHETTY, MD, FRCS

NARAYANA NEYRALAYA

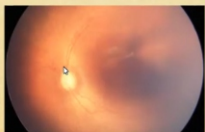
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Dr Samrat Chatterjee, Consultant Cornea and Anterior Segment was invited as panelist for the webinar “Taming the Tiger - Therapeutic Penetrating Keratoplasty” held by LV Prasad Eye Institute, Hyderabad on March 20 & 21, 2021

Webinar on ROP was organised by MGMEI on 14th March 2021 covering all the aspects of ROP starting from basics to advances in laser, injections and surgery. National faculties as guest speakers included Dr Anand Vinekar, Dr Parijat Chandra and Dr Deeksha Katoch. All of them highlighted important practical tips and tricks in the management of ROP. Host speakers from the vitreoretina department included - Dr Anil Gangwe, Dr Swapnil Parchand, Dr Shashwat Behera and Dr Deepanshu Agrawal who gave talks on various pertinent topics. Around 50 doctors all over India attended the webinar with good interaction.

#### Zone 1 ROP



1. Numerous tortuous vessels exit the optic disc without any discernable pattern
2. Normal dichotomous branching is absent
3. Distinction between artery and veins are blurred
4. Butterfly pattern

#### Intraoperative Challenges



#### MGM Eye Institute

Group of Ophthalmologists

Dr. Anil Gangwe, Dr. Swapnil Parchand, Dr. Shashwat Behera, Dr. Deepanshu Agrawal, Dr. Parijat Chandra, Dr. Anand Vinekar, Dr. Deeksha Katoch, Dr. Samrat Chatterjee, Dr. Anil Gangwe, Dr. Swapnil Parchand, Dr. Shashwat Behera, Dr. Deepanshu Agrawal, Dr. Parijat Chandra, Dr. Anand Vinekar, Dr. Deeksha Katoch, Dr. Samrat Chatterjee

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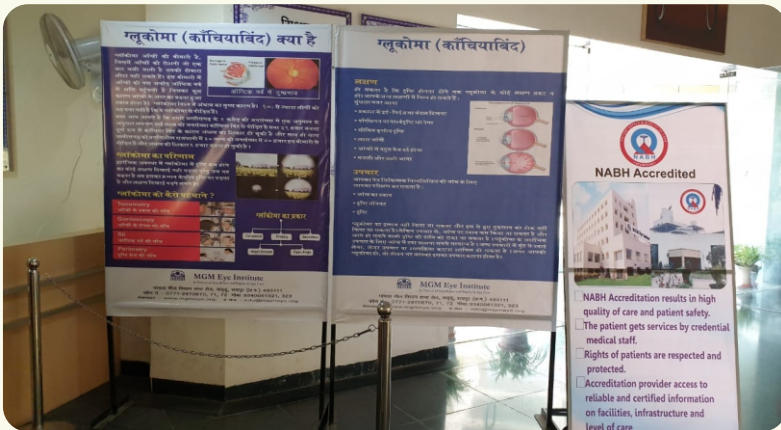
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# World Glaucoma Week 2021



World Glaucoma week was held between march 7th to 13th , 2021, with sensitization to public and patients about the glaucoma disease - the silent killer of vision , by giving lectures by Glaucoma consultants and display of posters in the premises of MGMEI. Patients were screened for glaucoma and necessary investigations were done in selected patients. A webinar was conducted in collaboration with Indian Medical Association members ,citing the importance of early detection and referral of patient to reduce the magnitude of prevalence of the disease leading to irreversible vision loss due to damage to the optic nerve.

# Outreach



Free door to door screening was done in villages to reach the unreached by following strict COVID 19 protocols, and the patients with eye diseases mostly cataracts and were referred to MGMEI for treatment where surgery was done as per indication free of cost



Free Eye Screening was done during the National Road safety Week 16th-23th Feb, 2021, with comprehensive eye check up including - vision testing , color vision, contrast sensitivity. The importance of a healthy eye was emphasized to the people.



The patients who visit the Vision centre are given primary eye care along with consultation with Doctors at MGMEI by tele ophthalmology if any complex eye condition is seen and medical treatment is given and if needed referred to MGMEI for further investigation and treatment at the earliest. Spectacles are dispensed in the vision centre to patients with refractive error. The surgery of the eye for the poor patients are done free of cost.



World Optometry day was celebrated on 23rd March 2021, with acknowledgment of the role of Optometrist in the field of ophthalmology. A webinar was also conducted with Guest speaker to enlighten the role of optometrist.



Ophthalmology Insight Series is being made for education purpose and posted in various social media and ophthalmology groups

# Publications



Advances in Biomedical Engineering and Technology pp 123-128 | Cite as

## Validation of a New Method of Pediatric Refraction: Large Aperture Lens Rack

Authors [Authors and affiliations](#)

Anupam Sahu , Samrat Chatterjee, Deepshikha Agrawal, Pradeep Chand Dubey

Conference paper

First Online: 29 September 2020

150

Downloads

Part of the [Lecture Notes in Bioengineering](#) book series (LNBE)



[Indian J Ophthalmol.](#) 2021 Mar; 69(3): 709–713.

PMCID: PMC7942066

Published online 2021 Feb 17. doi: [10.4103/ijo.IJO\\_3200\\_20](https://doi.org/10.4103/ijo.IJO_3200_20)

PMID: [33595506](https://pubmed.ncbi.nlm.nih.gov/33595506/)

## Impact of COVID-19 pandemic and national lockdown on ocular trauma at a tertiary eye care institute

[Deepanshu Agrawal](#), [Swapnil Parchand](#), [Deepshikha Agrawal](#),<sup>1</sup> [Samrat Chatterjee](#),<sup>1</sup> [Anil Gangwe](#), [Mihir Mishra](#),<sup>2</sup> and [Anupam Sahu](#)<sup>3</sup>

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## Services

- ❖ Cornea & Ant. Segment
- ❖ Glaucoma
- ❖ Vitreo Retina
- ❖ Pediatric Ophthalmology
- ❖ Strabismus
- ❖ Orbit, Oculoplasty & Ocular Oncology
- ❖ Custom Made Prosthesis
- ❖ Neuro Ophthalmology
- ❖ Uvea
- ❖ Low Vision
- ❖ Contact Lens
- ❖ Eye Bank
- ❖ Community Outreach



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