

# IJCEO

## Indian Journal of Clinical and Experimental Ophthalmology

**Volume - 7, Issue - 2, Year - 2021 (www.ijceo.org)**

Indian Journal of Clinical and Experimental Ophthalmology (IJCEO) is open access, a peer-reviewed medical journal, published quarterly, online, and in print, by the Innovative Education and Scientific Research Foundation (IESRF) since 2015. To fulfil our aim of rapid dissemination of knowledge, we publish articles 'Ahead of Print' on acceptance. In addition, the journal allows free access (Open Access) to its content, which is likely to attract more readers and citations of articles published in IJCEO.

Manuscripts more...

### Call for paper

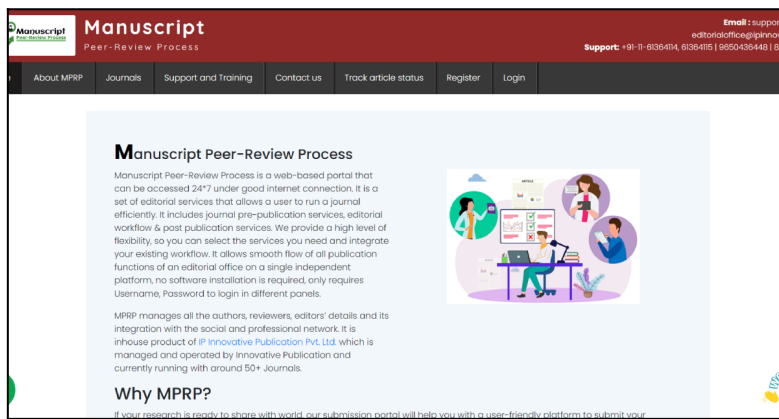
We cordially invite faculty, researchers, and scholars to submission of your valuable contribution to our Upcoming issues. It is a double-blind, peer-review, and Open Access (OA) journal and accepts manuscripts as research papers, review articles, case reports, short communication, etc.

### Manuscript Submission Guidelines

To submit your manuscript, first-time users click the Register button from the submission portal. If you are already a registered user, log in as an author and post your manuscript for further peer-review process. Manuscripts submitted for consideration and inclusion in upcoming issues must follow <https://www.ijceo.org/info/author> and be submitted by **2025-01-17**.

Submit Manuscript

**Advertisement**



Volume - 7

Issue - 2

Year-2021

## CONTENTS

### Editorial:

**Post COVID-19: What is role of iron and iron chelating agents? 253-254**

*Rajendra P Maurya*

### Guest Editorial:

**Diagnostic procedures of rhino-orbital mucormycosis 255-256**

*Dipankar Das*

**How COVID-19 Impacted on Rhino-Orbital-Cerebral Mucormycosis 257-258**

*Farzad Pakdel*

### Review Article:

**Dry eye disease associated with Primary Sjogren syndrome: An update 259-269**

*Rajendra P Maurya\*, Vibha Singh, Manisha, Ashish Gupta, Virendra P Singh, Amit Kumar, Archana Yadav, Shivangi Singh*

**Ophthalmological practices in COVID times 270-274**

*Prerna Sinha, Amit Raj\*, Amit Kumar, Upasna Sinha*

**Ocular disorders associated with obstructive sleep apnea: A review 275-283**

*Rajendra P Maurya\*, Manisha, Vibha Singh, Ashish Gupta, Sushil Kumar Agarwal, Virendra P Singh, Mahendra K Singh, G N Srivastav, Syeed Mehub Ul Kadir*

**COVID-19 and ophthalmology- Challenges and mitigation of disease 284-288**

*Pravin M Bhat\*, Sunil S Kewat*

### Original Article:

**The impact of covid-19 on ophthalmic practice in Bangladesh- A cross-sectional study 289-292**

*Syeed Mehub Ul Kadir\*, Muhammad Moniruzzaman, Siddiqur Rahman, Khairun Nasa, Tanvir Ahmed, Rajendra Prakash Maurya*

**Ophthalmic manifestations of SARS-CoV-2 (COVID-19) 293-301**

*Sandhya Ramachandra, Aastha Garg\**

**A comparative study of efficacy of chloroquine phosphate 0.03% and sodium carboxymethylcellulose 1% in dry eye 302-307**

*Parag Tyagi, Vandana Sharma\*, J P Chugh, R S Chauhan, Ashok Rathi*

**Eyestrain and associated problems among undergraduate medical students undergoing e-learning/teaching methods during Covid-19 pandemic 308-313**

*Aqueen Joju, C V Anthrayose\*, Rakendu Puthiyedath, Niya Babu, Ann Reshma Rajan*

**Evaluation of knowledge, attitude and practice of guidelines towards the novel covid 19 among eye care professionals of a government medical college in north India 314-320**

*Aswathi Venugopal\*, Sunil Kumar, Sony Sinha*

**Aqueous humor pharmacokinetics of Benzalkonium chloride free bimatoprost formulated in tight junction modulation technology compared to Benzalkonium chloride preserved bimatoprost 0.01% ophthalmic solution in rabbit eyes 321-326**

*Arindam Halder, Vinod Burade, Ajay J Khopade\*, Monali Vakharia*

**Assessment and comparison of clinico-microbiological efficacy of moxifloxacin plus vancomycin combined therapy with fortified vancomycin in bacterial keratitis 327-332**

*Ahmad Abdullah\*, S N Askari, Shamim Ahmad, Yasir Alvi*

**Comparative study on incidence of posterior vitreous detachment (PVD) between conventional and femtosecond laser-assisted laser in situ keratomileusis (LASIK) 333-338**

*S Ravi Chaitanya\*, Meenakshi Ravindran, Anitha Venugopal, Kavya*

**Association of HbA1c levels with diabetic retinopathy 339-345**

*Chirag Singh\*, Shashi Prabha Prasad, Sucheta Kaul, Divya Motwani, Ashish Mishra, Vishakh Padmakumar*

**A comparative study between ranibizumab and its first biosimilar razumab in terms of efficacy and safety in DME, RVO and wet AMD associated with CNVM 346-351**

*Preethi B\*, Shilpa G, Dhvani Anil Shah, Praveen R Murthy*

**Comparative study of optical coherence tomographic analysis of macula in preoperative and postoperative diabetic patients undergoing small incision cataract surgery 352-357**

*Shruthi Marati\*, Vallabha K*

**Comparative study of anatomic and functional changes of the corneal endothelium in cataract patients undergoing phacoemulsification and MSICS 358-362**

*Gurvinder Khosa\*, Karanijit Singh, Prempal Kaur, Rajesh Kumar, Shivani, Upasna Ajmani*

**Ocular manifestation in human immunodeficiency virus patients presenting to tertiary eye care centre in rural area 363-365**

*Sudhir Sudhakar Pendke, Akshay Rajeshwar Padgilwar, Sunil Devrao Dokhale, Saud Gafur Deshmukh, Nehal Nareshkumar Mohata\**

**Anatomical and functional significance of ectopic inner foveal layer (EIFL) in epiretinal membrane (ERM) 366-371**

*Sunil Ganekal\*, Varun Ganekal*

**Quantitative analysis of optical coherence tomography in age related macular degeneration 372-375**

*D Sukanya\*, R Sudha, K Sushma, V Sreya*

**Assessment of efficacy and safety of intravitreal ranibizumab in patients with macular edema secondary to retinal vein occlusion 376-380**

*Neepa Gohil, Kaumudi K Shinde\*, Yash Solanki*

**Evaluation of changes in the keratometric values after pterygium excision with conjunctival autografting in different grades of pterygium 381-384**

*Vasudha Damle\*, Sagarika Laad\*, Prakash Chand Agarwal*

**To evaluate effect of intraocular pressure control on central corneal thickness, horizontal corneal diameter and axial length in primary congenital glaucoma 385-388**

*Kamini M Prajapati, Rupal Bhatt, Gunjan P Tank\*, Amita Chauhan, Mariam Mansuri, Nikita Goel*

**Study on ocular morbidity in eye camp patients in rural medical hospital 389-391**

*Pooja H V, H T Venkate Gowda, Jeevitha R\**

**A study on digital eye strain among patients attending at one of the tertiary care hospitals of Saurashtra region, Gujarat 392-398**

*Varsha M Modi\**

**Evaluation of strabismus in 0-18 years of age group in tertiary health care hospital: A prospective cross-sectional observational study 399-401**

*Harish R Trivedi, Dhruvi K Champaneria\**

**Etiological factors & microbiological characteristics of infectious keratitis in western Maharashtra 402-409**

*Madhuvanathi Mohan\*, Renu Magdum, Sucheta Kaul, Chaitali Desai, Namratha Judith Cardoza, Madhuvanathi Mohan*

**To study ocular findings in chronic kidney disease patients attending a tertiary care hospital in Maharashtra 410-414**

*Dheeraj Sapkal, Sarika A Gadekar, Mahak S Bhandari\*, Supriya A Deshpande*

**Retro-pupillary iris fixated intraocular lens: A boon to aphakia 415-418**

*Ravi Bypareddy, Kamakshi N Moger, Vinutha Mohan Kulkarni, Subramanya K Giliyar\*, Deeksha Bekal, B L Sujatha Rathod*

**To stop or to continue aspirin prior to manual small incision cataract surgery 419-421**

*Pooja H V, H T Venkate Gowda, Madhuri P\**

**To compare peribulbar and subtenon anaesthesia in patients undergoing cataract surgery 422-427**

*Meenakshi Pathania\*, Surbhi Gupta, Dinesh Gupta*

**Study on visual function comparison between ametropes and emmetropes after visual correction 428-432**

*L K Lali\*, R Abirama Sundari, R Shankar*

**Systemic co-morbidities in patients undergoing cataract surgery 433-435**

*Jyotika P Mishrikotkar, Swapnil N Modak\*, Snehal R Thakre, Sarika A Gadekar*

**Study of prevalence of raised IOP in post cataract patients following topical steroid usage 436-441**

*Kavitha Mohankumar\*, Abhay Amrit Lune, Rakesh Goud, Chaitali Chandrashekhar Desai, Namratha Judith Cardoza*

**Comparison of visual acuity in primary and secondary iris claw implantation in western Maharashtra 442-447**

*Divya Motwani\*, Rupali Maheshgauri, Prachi Bakare, Deepaswi Bhavsar, Sucheta Kaul, Chirag Singh*

**Case Report:**

---

**Juvenile open angle glaucoma -A case series study 448-451**

*Shams Mohammed Noman\**

# Advertisement

**Manuscript**  
Peer-Review Process

Email: support@innovativepublications.com  
editorialoffice@innovativepublications.com  
Support: +91-11-6394914, 61394105 | 9950439448 | 88

About MPRP Journals Support and Training Contact us Track article status Register Login

## Manuscript Peer-Review Process

Manuscript Peer-Review Process is a web-based portal that can be accessed 24\*7 under good internet connection. It is a set of editorial services that allows a user to run a journal efficiently. It includes journal pre-publication services, editorial workflow & post publication services. We provide a high level of flexibility, so you can select the services you need and integrate your existing workflow. It allows smooth flow of all publication functions of an editorial office on a single independent platform, no software installation is required, only requires Username, Password to login in different panels.

MPRP manages all the authors, reviewers, editors' details and its integration with the social and professional network. It is inhouse product of **Innovative Publication Pvt. Ltd.** which is managed and operated by Innovative Publication and currently running with around 50+ Journals.

### Why MPRP?

If your research is ready to share with world, our submission portal will help you with a user-friendly platform to submit your

