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In this issue

Research Article

Open Access Research Article PTZAID:JCRO-7-178

Glaucoma awareness and knowledge among adults in woliso town, South West Ethiopia

Published On: August 06, 2020 | Pages: 087 - 090

Author(s): Mahlet Tsegaye, Abiye Mulugeta and Abeba T Giorgis*

Glaucoma is the leading cause of irreversible blindness worldwide and it is next to cataract as common cause of blindness [1-4]. The global prevalence of glaucoma for population aged 40–80 years is 3.5%. The magnitude of glaucoma is expected to keep increasing with the world population growth and increasing number of ageing people [5]. Ninety percent of affected peopl ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000078

Open Access Research Article PTZAID:JCRO-7-177

The analysis of characteristics of anti-SARS-CoV-2 antibodies in clinically COVID-19 patients

Published On: July 31, 2020 | Pages: 081 - 086

Author(s): Wenzheng Guo, Siyuan Yu, Guangbo Li, Qiankun Xuan, Simin Yang, Donghua Wen and Wenjuan Wu*

Background: The novel coronavirus disease (COVID-19), caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), had spread all of China and many other countries. The COVID-19 patients exhibit typical clinical symptoms, and most cases could be diagnosed by nucleic acid testing and imaging. Recent studies have reported that serum antibody testing can be us ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000077

Open Access Research Article PTZAID:JCRO-7-176

On line Webinars During Time of COVID-19: Does it Increase the Clinical and Surgical Skills of Egyptian Ophthalmologists?

Published On: July 28, 2020 | Pages: 075 - 080

Author(s): Elshimaa A Mateen Mossa, Tasneem Mohammad Ali and Alahmady Hammad*

Introduction: Since the appearance of COVID-19 pandemic by the end of 2019 and beginning of 2020 conferences, and events are canceled targeting the social distance to limit the spread and decrease the danger of the newly emerging virus webinars instead spread all over the world as an educational tool with no risk of communications. Purpose: to evaluate the efficacy o ...

Abstract View | Full Article View | DOI: 10.17352/2455-1414.000076

Open Access Research Article PTZAID:JCRO-7-174

Comparative study of visual results obtained with two Trifocal lens models in cataract surgery

Published On: July 16, 2020 | Pages: 054 - 060

Author(s): Alfredo Amigó-Francés, Alfredo Castillo-Gómez, David Carmona-González, Paula Martínez-Sorribes and Alfredo Amigó*

Purpose: To compare visual performance and Contrast Sensitivity (CS) outcomes, patient satisfaction and spectacle independence in patients implanted with two Models of trifocal Intraocular Lenses (MIOLs). Methods: This non-randomized prospective clinical study included 40 eyes of 20 patients undergoing cataract surgery with bilateral implantation of two different MIO ...

Abstract View | Full Article View | DOI: 10.17352/2455-1414.000074

Review Article

Open Access Review Article PTZAID:JCRO-7-175

Theory: Morphological and functional features of the structure of the Zonula Lens Fibers as a key executive link in the mechanism of the human eye accommodation

Published On: July 22, 2020 | Pages: 061 - 074

Author(s): Ivan N Koshits, Olga V Svetlova*, Maksat B Egemberdiev, Marina G Guseva, Felix N Makarov and Nikolas M Roselo

Kesada

Purpose: Assess morphophysiological and functional features of the structure of the zonula lens fibers on the basis of an in-depth analysis consistent with the laws of mechanics. Define the purpose and scope of each portion of the zonula lens fibers. To analyze the results of the research of studies on the structure of the zonula of Zinn in the different authors of th ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000075

Open Access Review Article PTZAID:JCRO-7-173

What ophthalmologists need to know about pandemic of Corona Virus 19

Published On: July 01, 2020 | Pages: 050 - 053

Author(s): Elshimaa Mossa and Alahmady Hammad Alsmman*

Introduction: Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) or novel coronavirus 2019 (Covid19) is an emerging life-threatening catastrophe worldwide with no country immune from this problem. Ophthalmologists are in the first line facing this pandemic due to their intimate contact during clinical examination and surgery. Objective: Ophthalmologists sho ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000073

Case Report

Open Access Case Report PTZAID:JCRO-7-182

Preservation of capsular transparency and geometrical consistency in cataract surgery using a novel intracapsular ring

Published On: November 09, 2020 | Pages: 101 - 104

Author(s): Ahmed Elmassry, Onurcan Sahin, Loukia Leonidou*, Dimitris Liakopoullos, Harilaos Ginis, Aristophanis Pallikaris and Ioannis Pallikaris

We report a case of a patient that was implanted with an intracapsular ring during phacoemulsification cataract surgery. Namely, we report on refraction, posterior capsule transparency and IOL ACD and document photographically the appearance of the posterior capsule. It is suggested that the presence of the intracapsular ring has inhibited epithelial cell migration an ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000082

Open Access Case Report PTZAID:JCRO-7-179

Congenital left hemidiaphragm agenesis and use of glatiramer acetate

Published On: August 11, 2020 | Pages: 091 - 093

Author(s): Hossein Kalanie, Ali Amini Harandi* and Manije Farajpoor

Congenital Diaphragmatic Hernia (CDH) is a congenital defect of the diaphragm through which intestine and other viscera herniate in to the chest. In extreme form of diaphragmatic maldevelopment, there might be a complete agenesis of diaphragm. Neonates with CDH present postnatally with respiratory distress and a characteristic absence of breath sounds in the ipsilater ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000079

Short Communication

Open Access Short Communication PTZAID:JCRO-7-180

Recent Potential Treatment Approaches for the Management of Uveitis

Published On: September 15, 2020 | Pages: 094 - 098

Author(s): Nikita and Yasmin Sultana*

Uveitis, an inflammatory condition of the eye affecting the uvea [blood vessel-rich middle layer of tissue] may lead to slight or complete vision loss. This disease can affect people of any age group mainly between 20 to 60 years of age. It is reported that 24.9 cases per 100,000 persons were affected in a study in the years 2006 and 2007 with a prevalence rate of 57. ...

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Mini Review

Open Access Mini Review PTZAID:JCRO-7-181

Draw attention to the teratogenic effect of DMD in MS treatment

Published On: September 18, 2020 | Pages: 099 - 100

Author(s): Shi-Fang Hou, Yin Jian, Li-Yan Qiao, Zun-Bao Li, Kai Feng and Xian-Hao Xu*

More than 2.3 million people are affected by Multiple Sclerosis (MS) worldwide. Since the 1990s, disease modifying drug

(DMD) has been developing increasingly. With more and more clinical applications, more and more attention has been paid to the adverse effects of DMD in the treatment of MS. DMD selection for patients with MS during pregnancy is one of the most impor ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000081

Case Study

Open Access Case Study PTZAID:JCRO-7-183

Congruous homonymous hemianopia due to occipital lobe infarction

Published On: December 24, 2020 | Pages: 105 - 109

Author(s): K Suresh*, Arpita and Sujitkumar

Optic disorder in which the visual field defects in both eyes are completely symmetric in extent and intensity are defined as Congruous homonymous hemianopia. Here is such a case that I followed early this year. A sixty- five years old male, diabetic since 1994, Hypertensive for 14 years and ischemic heart disease for 10 years under ayurvedic treatment reported with a ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000083