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Research Article

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Not dominance but the loss of binocularity determines the success of monovision

Published On: April 26, 2021 | Pages: 018 - 022

Author(s): Veerle Van Severen*, Sven Van Laere and Marcel Ten Tusscher

Purpose: To determine whether ocular dominance strength influences success of monovision Design: Single-center, prospective, double blind crossover. Subjects received contact lenses with reading addition added to the left eye in the first trial period and to the right eye in the second period so that the type of monovision was randomized and blinded for the test sub ...

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From lasik to smile: Time to change laser refractive surgery

Published On: February 23, 2021 | Pages: 007 - 011

Author(s): Roberto Bellucci*, Simonetta Morselli and Carlo Bellucci

Purpose: To illustrate the advantages and limitations of Small Incision Lenticule Extraction (SMILE) over Laser Assisted Intrastromal Keratomileusis (LASIK) in the correction of myopia and myopic astigmatism. Materials and methods: The two procedures are analysed and compared for the technical aspects. While LASIK directly depends on the laser efficacy to get the ref ...

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Analysis of Effectiveness of Treatment of Meibomian Gland Dysfunction in Patients with Computer Vision Syndrome

Published On: February 03, 2021 | Pages: 001 - 006

Author(s): Kavitha Chikkanayaknahalli Venugopal, Pavana Acharya, Shruthi Kavinamoole* and Spoorti Mundinamani

Aims: To evaluate association, stage and treatment efficacy of treating Meibomian Gland Dysfunction(MGD) in Computer Vision Syndrome(CVS) patients. Setting: Department of ophthalmology, Hassan Institute of Medical Sciences, Hassan, Karnataka, India. Design: Prospective observational study. Materials and methods: Prospective study on 232 CVS patients were evaluated ...

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Review Article

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Normal tension glaucoma: Prevalence, etiology and treatment

Published On: April 30, 2021 | Pages: 023 - 028

Author(s): George Ayoub*, Yanan Luo and Dominic Man-Kit Lam

Normal tension glaucoma is the most common type of glaucoma among people of east Asian countries. While a significant minority of cases of normal tension glaucoma respond to drugs or surgical procedures that lower intra-ocular pressure, most cases continue to progress, resulting in a continuing loss of visual field and blindness. We here review the current state of kn ...

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Case Report

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Significant improvement of Age-Related Macular Degeneration with Melanin Precursors (QIAPI 1®). Case Report

Published On: March 19, 2021 | Pages: 012 - 017

Author(s): Arturo Solís Herrera*, María del Carmen Arias Esparza and Martha P Solis-Arias

Age-related macular degeneration is the first cause of blindness in cold countries in the last 70 years ago or more. In spite expensive therapeutics strategies like intraocular injections, so far, the incidence and prevalence of ARMD cannot be improved significantly. In this case report, we demonstrate that melanin is a fundamental part of macular biology and

once is ...

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Short Communication

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Six steps for a successful phacoemulsification in hard cataracts

Published On: May 19, 2021 | Pages: 029 - 030

Author(s): S Venkatesh, Mavnika* and Shruti P Hedge

Phacoemulsification in rock-hard cataracts is always challenging for the phaco surgeon. Patient presenting with hard cataract is common in rural and suburban areas. In such situations phaco surgeons face higher incidence of significant complication like endothelial cell loss, posterior capsular rupture, zonular dialysis. By judicious use of the appropriate technology ...

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