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In this issue

Research Article

Open Access Research Article PTZAID:JCRO-7-167

Evaluation of two techniques for irrigation/aspiration retrolental viscoelastic removal in cataract surgery

Published On: May 09, 2020 | Pages: 021 - 025

Author(s): Fernando Aguirre Balsalobre*, Paz Orts Vila, Fernando Hernández Pardines, Víctor García Conca, Sara Núñez Márquez and José Ramón Hueso Abancéns

Purpose: To compare surgical results after phacoemulsification using two different techniques for removal of Ophthalmic Viscoelastic Device (OVD). Methods: A randomized prospective study was conducted on 77 patients who underwent cataract surgery. In the first group, OVD was removed over the optic by small abrupt horizontal and vertical displacements of the IOL. In ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000067

Open Access Research Article PTZAID:JCRO-7-164

Evaluation of corneal morphology among newly detected patients with primary open angle glaucoma

Published On: January 31, 2020 | Pages: 008 - 014

Author(s): Nagalakshmi Narayana-Swamy* and Alhaj Farhath Tasneem

Introduction: Glaucoma is an insidious blinding disease that may present in a variety of clinical scenarios. While Intraocular pressure is a major risk factor in its pathophysiology, patients have the disease without any documented elevation in pressure. To avoid missing a diagnosis of glaucoma, a thorough and careful evaluation of all the structural and functional co ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000064

Review Article

Open Access Review Article PTZAID:JCRO-7-171

Crosstalk between oxidative stress and ocular diseases

Published On: June 17, 2020 | Pages: 037 - 047

Author(s): Lizette Gil del Valle*, Mirtha Copello Noblet and Gregorio Martínez-Sanchez

Context: Diverse findings reported during the past years has established the molecular mechanisms by which a disparity in the redox balance system in microenvironment and cells with high grade of Oxidative Stress (OS) can cause oxidation of macromolecules as nucleic acids, lipids, proteins and carbohydrates, thus bringing about their function alteration. These events ...

Abstract View | Full Article View | DOI: 10.17352/2455-1414.000071

Case Report

Open Access Case Report PTZAID:JCRO-7-170

Oral Bisoprolol for the treatment of non-resolving central serous chorioretinopathy: A case report

Published On: June 12, 2020 | Pages: 033 - 036

Author(s): Vingolo EM, Napolitano G*, Rigoni E and De Rosa V

Purpose: To evaluate the effect of the beta blocker Bisoprolol in the treatment of chronic central serous chorioretinopathy (CSC). ...

Abstract View | Full Article View | DOI: 10.17352/2455-1414.000070

Open Access Case Report PTZAID:JCRO-7-169

Removal of Flanged Sutureless Scleral Fixated Intraocular Lens

Published On: May 25, 2020 | Pages: 000 - 000

Author(s): Remzi Karadag*

Recently, sutureless scleral-fixated intraocular lens (SSF-IOL) techniques have become popular in clinical practice [1]. ...

Abstract View | Full Article View | DOI: 10.17352/2455-1414.000069

Open Access Case Report PTZAID:JCRO-7-168

Antenatal diagnoses of congenital cataracts and related surgical complications in a familial case of Nance-Horan Syndrome

Published On: May 18, 2020 | Pages: 026 - 030

Author(s): Gayathri K Sivakumar, Gunjan Mhapankar, Victoria Mok Siu and Sapna Sharan*

We describe rare cases of Nance-Horan Syndrome (NHS)..... ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000068

Open Access Case Report PTZAID:JCRO-7-166

A case of atypical band shaped keratopathy following intravitreal silicone oil injection in an aphakic eye

Published On: April 09, 2020 | Pages: 018 - 020

Author(s): Nischala Balakrishna* and Seema Channabasappa

Introduction: Silicon oil or polydimethylsiloxane fluid is used in complicated retinal detachment surgeries. Although it displays an array of side effects like progressive vascularisation, silicon granules in corneal stroma and corneal decompensation, the lesser known band shaped keratopathy is visually endangering and requires a new management protocol, as was seen i ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000066

Open Access Case Report PTZAID:JCRO-7-165

Overlap Syndrome: A case with features of both Sturge Weber and klippel trenaunay phacomatoses

Published On: March 31, 2020 | Pages: 015 - 017

Author(s): Nischala Balakrishna* and Seema Channabasappa

Background: Sturge Weber and Klippel Trenaunay syndromes are mesodermal phacomatoses occurring sporadically. We report a rare case with overlapping features of both syndromes. Case report: An eight-year-old girl complains of low vision and pain in left eye for nine months. Examination revealed port wine stain on left side of face, fingertips and toes present since bi ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000065

Open Access Case Report PTZAID:JCRO-7-162

Ocular metastasis in a patient with squamous cell carcinoma tongue: A rare case

Published On: January 30, 2020 | Pages: 001 - 003

Author(s): Nagalakshmi Narayana-Swamy* and Alhaj Farhath Tasneem

Ophthalmic metastasis from an extraocular primary malignancy is a rare event. Tongue is the most common primary site after hypo-pharynx among the oral malignancies causing distant metastasis [1]. ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000062

Mini Review

Open Access Mini Review PTZAID:JCRO-7-172

Brief review of HLA profile and clinical presentation of multiple sclerosis in Iran

Published On: June 29, 2020 | Pages: 048 - 049

Author(s): Hossein Kalanie*

HLA typing, the natural course and clinical findings of 79 and 200 definite MS cases in Iran was respectively reviewed [1,2]. Results drawn from our 79 Iranian MS patients revealed an association between MS and HLA types A 24, DR 2, and DR 15, each with a relative risk of 1.9 times of controls. ...

Abstract View Full Article View DOI: 10.17352/2455-1414.000072

Case Series

Open Access Case Series PTZAID:JCRO-7-163

A case series on ocular manifestations in Steven Johnson Syndrome and their varied presentation-Review of literature

Published On: January 31, 2020 | Pages: 004 - 007

Author(s): Nagalakshmi Narayana-Swamy* and Alhaj Farhath Tasneem

Purpose: To discuss the possible ocular manifestations of Steven Johnson Syndrome and their management among different cases. Case: Patients aged 9, 15, 43years with Steven- Johnson Syndrome were reviewed for severity of ocular involvement. These patients presented with fever and involvement of skin, oral mucosa and conjunctiva. ...

Abstract View | Full Article View | DOI: 10.17352/2455-1414.000063