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Highlights from this issue

Keith Barton, Jost Jonas, James Chodosh, *Editors in Chief***A-Basterra *et al* (see page 891)**

Eyes affected by nonarteritic anterior ischemic optic neuropathy and their contralateral unaffected eyes show thinner peripapillary choroidal thickness than healthy eyes. A thin peripapillary choroid may be added to the features of this disease.

Yokouchi *et al* (see page 897)

The higher serum VEGF level might be associated with the development of optic disc oedema in patients with POEMS syndrome.

Parulekar *et al* (see page 902)

Evidence indicates that there is no value in pre-treatment testing of infantile haemangioma with oral propranolol.

Farioli *et al* (see page 907)

Obesity and high blood pressure levels during late adolescence are associated with an increased risk of rhegmatogenous retinal detachment among non-myopic males aged between 22 and 59 years.

Apte *et al* (see page 914)

A systematic Review of Wet AMD treatment regimens, suggesting that the treat and extend regimen is superior to an as needed treatment regimen over a 12-month period.

Cheung *et al* (see page 918)

Focal choroidal excavation was observed to be more common in polypoidal choroidal vasculopathy than in choroidal neovascularisation secondary to age-related macular degeneration or central serous chorioretinopathy in 343 consecutive patients presenting with one of these three conditions.

Scholl *et al* (see page 956)

Spectral-domain optical coherence tomography derived measurements of macular volume can monitor retinal atrophy in patients with Stargardt Macular Dystrophy and serve as an outcome measure in clinical trials, but require manual correction of software errors.

Tan *et al* (see page 944)

Choroidal thickness measurements between Swept Source and Spectral Domain OCT were observed to differ by more than 50 microns in a prospective study of 25 healthy volunteers.

Mehta *et al* (see page 1000)

This post-hoc analysis of data from the BEVORDEX randomized clinical trial showed that dexamethasone-treated eyes had more rapid regression of hard exudates from the foveal-centre although bevacizumab-treated eyes started to catch-up by 24 months.

Banerjee *et al* (see page 949)

In a two year pilot study designed to assess the feasibility of a randomised trial in patients undergoing vitrectomy after open-globe trauma, 40 patients were randomised to either conventional treatment or a regimen of intravitreal, subtenons and topical steroids plus systemic non-steroidal anti-inflammatories.

Shtein *et al* (see page 924)

In a cross-sectional study, patients with diabetic peripheral neuropathy demonstrated some increase in the clinical signs of ocular surface disease but not an increase in the symptoms with increasing severity of neuropathy.

Rose-Nussbaumer *et al* (see page 929)

Monocular vision loss from corneal opacity due to fungal keratitis reduces vision-related quality of life. Risk factors for this include visual acuity, the need for therapeutic penetrating keratoplasty and unemployment.

Das *et al* (see page 939)

In a series of 22 patients, the authors conclude that Corynebacteria can cause severe corneal infection requiring surgical intervention.

Vazirani *et al* (see page 971)

Conjunctival resection is not effective in preventing recurrences of Mooren's ulcer.

Coroneo *et al* (see page 944)

Topical interferon alfa-2b and retinoic acid 0.01% is effective and well-tolerated

in partial limbal stem cell deficiency refractory to conservative management.

Wakefield *et al* (see page 986)

Analysis of 5 year follow up data of over 9000 penetrating keratoplasties did not reveal an association between donor age or donor endothelial cell density and graft endothelial failure.

Kim *et al* (see page 933)

In a retrospective observational case series, the cumulative risk of corneal decompensation 5 years after Ahmed Glaucoma Valve implantation was 3.3%.

Tanaka *et al* (see page 990)

In a retrospective study of 91 eyes of 50 patients with Behçet's disease, the authors observed that a High Behçet's Ocular Attack Score (BOS24-5Y) was found to be a significant prognostic indicator for deterioration in visual acuity.

Osaki *et al* (see page 963)

Significant eyelid morphometric and corneal topographic changes on the affected eye were observed in hemifacial spasm patients during the known period of action of botulinum toxin-A.

Labetoulle *et al* (see page 976)

This phase 3 multicentre, international, prospective, randomized comparison in 2-parallel groups indicated that intracameral Mydrane after the first incision is safe and effective and resulted in greater patient comfort and surgeon satisfaction than standard eyedrops.

Ferrari *et al* (see page 1005)

Angiopoietin 2 cooperates with the Bowman membrane and pro-angiogenic macrophages to control inflammation in the cornea.

Coupland *et al* (see page 1012)

Iris melanomas show similar genetic alterations to that seen in choroidal melanomas, in both treatment naïve and post proton beam radiotherapy-treated eyes. Iris melanomas were also found to display a low-metastatic risk chromosomal profile.