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Highlights from this issue

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Keith Barton, James Chodosh, Jost Jonas, *Editors in Chief*

Shah *et al* (see page 1332)

For cystoid macular edema secondary to a retinal vein occlusion, specialists would be more likely to choose bevacizumab, and would be less likely to choose aflibercept than if they were choosing the drug to treat their own disease.

Rishi *et al* (see page 1337)

Combination Photodynamic therapy and intravitreal anti-VEGF (Ranibizumab/Bevacizumab) is associated with better outcomes in eyes with myopic CNV as compared to monotherapy with PDT or anti-VEGF.

Prünte *et al* (see page 1341)

Switching from a pro re nata (PRN) to treat and extend regimen of ranibizumab in patients with nAMD resulted in significant improvements in functional and anatomical measures whilst reducing the frequency of hospital visits.

Shah *et al* (see page 1346)

Visual acuity measurement with a high-pass filtered letter chart was observed to be more sensitive to functional loss than conventional charts in age-related macular degeneration.

Finger *et al* (see page 1353)

Frequent vigorous exercise is associated with lowered odds of age-related macular degeneration in women.

Danis *et al* (see page 1359)

Increased venular caliber was associated with development and increased severity of DR in a Chinese diabetic population.

Romero-Aroca *et al* (see page 1366)

In a prospective study, after eight-years of follow-up, the authors observed an increase in the incidence of diabetic retinopathy and macular oedema in a Caucasian population in Spain, especially in younger patients and associated with higher HbA1c values or those treated with insulin.

Schmidt-Erfurth *et al* (see page 1372)

Analysis of 3D choroidal thickness measurements showed interchangeability

between manual and automated segmentation methods. Comparison between spectral-domain and swept-source optical coherence revealed slightly thicker choroidal measurements, but not of clinical significance.

Kuo *et al* (see page 1377)

Widefield optical coherence tomography volumes provide 3D information about both peripheral retinal disease and the posterior pole in a single volume scan.

Mura *et al* (see page 1383)

Ultra High Speed 25-gauge transconjunctival sutureless vitrectomy is a safe procedure with a low rate of iatrogenic retinal breaks. Major risks are associated with the surgical induction of posterior vitreous detachment.

Chiquet *et al* (see page 1388)

Retinal detachment was observed in 13% of eyes vitrectomized for acute endophthalmitis after cataract surgery and was associated with retinal vasculitis and diabetes.

Jones *et al* (see page 1393)

Lymphopenia is an independent predictor of sarcoidosis (unassociated with angiotensin converting enzyme or other indicators) in patients presenting with uveitis and diagnostic criteria should be amended to reflect this.

Jia *et al* (see page 1397)

This study presents autofluorescence patterns of iris depigmentation in eyes diagnosed with Fuchs heterochromic uveitis (FHU). Near-infrared autofluorescence is a promising objective approach for documenting the iris changes in FHU.

Klingenstein *et al* (see page 1403)

PET/CT is useful for staging and definition of extension of orbital tumors. Whole-body imaging with specific radiopharmaceutical tracers has proven valuable in detecting metastases. For infiltrating tumors, a small field-of-view allows accurate lymph node assessment.

Wu *et al* (see page 1409)

In IgG4-related disease, bilateral ophthalmic disease is strongly associated with extra-ophthalmic disease and we recommend that systemic imaging always be performed for these cases.

Meyer *et al* (see page 1412)

Traumatic wound dehiscence is a long term risk for severe vision loss following keratoplasty.

Vazirani *et al* (see page 1416)

Multicentre results indicate that autologous simple limbal epithelial transplantation is a safe and effective modality for unilateral limbal stem cell deficiency.

Spaeth *et al* (see page 1421)

As an internet-based assessment of contrast sensitivity, SPARCS has good reliability, comparable to the Pelli-Robson test. This study found no significant difference in the ability to measure contrast sensitivity between Pelli-Robson and SPARCS among subjects with various refractive errors, tested while wearing their habitual correction.

Dahlmann-Noor *et al* (see page 1427)

While saccadic vector optokinetic perimetry is highly accessible to children, many cannot complete a full 40-point test. Additionally, agreement with current standard tests is moderate to poor.

Oh *et al* (see page 1433)

In a study of the long-term surgical outcomes of unilateral lateral rectus muscle recession (ULR), the authors observed that 20 PD or more of preoperative angle of deviation was the only significant factor for recurrence after ULR.

Polat *et al* (see page 1437)

In a retrospective study, repeat selective laser trabeculoplasty (SLT) was observed to reestablish intraocular pressure control in open angle glaucoma patients that had previously undergone successful SLT.

Li *et al* (see page 1443)

Anti-VEGF accelerates retinal fibrosis via up-regulation of TGFβ2, CTGF, and CNTF.