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# Highlights from this issue

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## Tan *et al* (see page 601)

Cytomegalovirus related corneal graft infections can result in recurrent graft failures. The histology of these infected grafts showed stromal viral cytopathic changes that may serve as a reservoir for reinfection.

## Kaye *et al* (see page 607)

A corneal impression membrane was found to provide a good alternative or addition to the use of sharp instruments for collection of samples from cases of suspected microbial keratitis, leading to an increased isolation rate.

## Levin *et al* (see page 611)

Through the Delphi process, we identified areas of consensus and non-consensus between 16 paediatric cataract surgeons. Areas where consensus was not reached highlight areas of poor evidence or conflicting evidence.

## Ang *et al* (see page 616)

Optical coherence tomography angiography may be a useful tool for the evaluation of corneal neovascularization.

## Feizi *et al* (see page 622)

The repeatability of big-bubble formation in deep anterior lamellar keratoplasty is approximately 80% when performed by experienced surgeons who have already overcome the learning curve. This might vary with patient sex and trephination size.

## Alio *et al* (see page 626)

In a retrospective study of 33 eyes with photorefractive keratectomy followed for 15 years, there was a high correlation between the attempted and achieved refractions at 1 year and 15 years.

## Kim *et al* (see page 633)

Decorative tinted contact lenses significantly increased optical aberrations and decreased optical quality and sensitivity as the pigment-free optical diameter decreased.

## Gupta *et al* (see page 638)

Scleral fixation of intraocular lenses using Gore-Tex® sutures appears to be a safe and effective method for secondary intraocular

lens placement. Patients on average experienced positive visual outcomes with a low rate of adverse events.

## Andrew *et al* (see page 644)

Intraorbital corticosteroid injections may have a role as a first-line therapy for IgG4-related disease of the anterior orbit.

## Demer *et al* (see page 648)

In a retrospective study of 37 patients, graded vertical rectus tenotomy was found to require 30–90% graded tenotomy for 3–6 dioptres of correction of hyperopia correction.

## Lee *et al* (see page 652)

In a study of 44 eyes with idiopathic CNV, the choroidal watershed zone was observed to be related to the location and functional outcome.

## Metz *et al* (see page 660)

Diagnostic vitrectomy is necessary, but tumour cell dissemination inside the vitreous cavity does not influence patient's survival.

## Balaskas *et al* (see page 665)

In a study of 102 consecutive patients with naevomelanocytic lesions, agreement between standard clinical management and decisions made by a masked, non-medical grader and masked ophthalmologist in a virtual clinic setting was high.

## Mastropasqua *et al* (see page 671)

OCT-A was observed to facilitate precise measurement of the foveal avascular zone in healthy subjects with good reproducibility and repeatability.

## Querques *et al* (see page 677)

The authors report a study of 90 patients in which they compare choroidal thickness maps (CMs) in patients with non-exudative age-related macular degeneration (AMD) with control subjects using swept source optical coherence tomography (Swept-OCT).

## Stefánsson *et al* (see page 683)

A mathematical algorithm is validated in 9,690 diabetic individuals in England. It

reliably calculates individual risk for progression of diabetic retinopathy and recommends variable screening intervals. Screening frequency can safely be reduced by 40%.

## Kofod *et al* (see page 688)

Comparison of immediate versus deferred surgery for epiretinal membranes in a randomized setup found no statistically significant difference in best-corrected visual acuity 12 months after surgery.

## Bottoni *et al* (see page 693)

Recovery of the visualization of macular pigment after successful macular hole surgery may be an accompanying sign of the reapposition of the edges of the hole. Changes in macular pigment optical densities did not correlate with final visual acuity.

## Sung *et al* (see page 699)

In a retrospective study examining the rate of retinal nerve fibre layer thinning over time, no level of myopia was associated with a faster rate thinning.

## Rucker *et al* (see page 704)

In a case series of the late-onset neurodegenerative form of Chediak-Higashi Syndrome the authors suggest that the ophthalmic phenotype is expanded to include optic neuropathy and abnormal prominence of the interdigitation zone between cone outer segment tips and an RPE apical processes on macular OCT.

## Boost *et al* (see page 708)

Staphylococcal isolates harbouring QAC genes are more tolerant to disinfection by multipurpose contact lens solutions.

## Matsubara *et al* (see page 713)

Upregulation of NF-κB mediated inflammatory cytokines by C5a associated with CFH Y402H polymorphism.

## Lutty *et al* (see page 720)

In a histological study of human donor eyes and controls, increased choroidal mast cell numbers and degranulation were observed in age-related macular degeneration.