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Highlights from this issue

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

Melki *et al* (see page 1460)

Cataract surgery in the UK independent sector has similar or better outcomes as compared to nationally published data

Hayashi *et al* (see page 1466)

A distance dominant diffractive multifocal intraocular lens with a near addition of +2.5 dioptres provided useful visual acuity at all distances and especially far to intermediate distance, with no deterioration in contrast sensitivity with and without glare

Rahi *et al* (see page 1471)

Primary IOL implantation in children under two years of age with bilateral and unilateral cataract confers an increase in the risk of further intraocular surgery with no clear visual benefit

O'Brien *et al* (see page 1477)

Among eyes with a functioning trabeculectomy, primary penetrating keratoplasty grafts had greater survival rates compared to primary Descemet's stripping endothelial keratoplasty grafts.

Alio *et al* (see page 1483)

KeraKlear Keratoprotheses can be implanted onto the deep corneal stroma or directly onto Descemet's membrane without penetrating into the anterior chamber. This technique may permit long lasting Keratoprosthesis function with minimal complications.

Kaido *et al* (see page 1488)

An advanced version of dry eye screening, using functional visual acuity measurement combined with a symptoms questionnaire, may be acceptable for practical use in visual display terminal workers.

Kim *et al* (see page 1493)

Better treatment outcomes were observed in IgG4-related disease in patients with idiopathic sclerosing orbital inflammation than in those with sclerosing inflammation unrelated to IgG4.

Das *et al* (see page 1498)

Comparison of various parameters in patients with culture-negative and culture-positive microbial keratitis suggested that longer duration of symptoms and prior use of topical medication significantly lowers the rate of culture positivity.

Sharma *et al* (see page 1503)

In 65 patients with peripheral ulcerative keratitis in India, Mooren's ulcer followed

by systemic collagen vascular diseases and infection were the most important associations

Fayers *et al* (see page 1509)

In a case-control study, reduced corneal aesthesiometry and changes in the corneal subbasal nerve plexus were associated with blepharospasm

Wang *et al* (see page 1514)

In chronic graft-versus-host-disease patients, risk factors for dry eye syndromes include receiving transplants from Epstein-Barr virus positive donors and having skin, oral and liver involvement of chronic graft-versus-host-disease. Caucasians were less likely to develop disease

Jang *et al* (see page 1519)

In a prospective case series of silicone stent incubation in patients with nasolacrimal duct obstruction and dry eyes who have reflex tearing, the surgical success as determined by patients' subjective symptoms was 76%

Mombaerts *et al* (see page 1523)

After transcaruncular insertion, 60% of angled extended Jones' tubes survived 10 years and with a good functional outcome. Displacement is the most common complication.

Kakizaki *et al* (see page 1527)

Eight mucosal flaps anastomosis in external dacryocystorhinostomy provides a complete mucosal cover on the osteotomy site, resulting in excellent anatomical success and favourable functional success with no postoperative complications.

Perros *et al* (see page 1531)

Patients with Graves' orbitopathy presented earlier and with milder and less active eye disease to European tertiary centres in 2012 than in 2000.

Bourgault *et al* (see page 1536)

In a case series of patients with APECED (AIRE) related oculopathy, photoreceptor degeneration was observed to be part of the APS1 phenotype.

Yu *et al* (see page 1543)

Subfoveal choroidal thickness (SFCT) in retinal vein occlusion was significantly greater than in normal contralateral eyes. After Ozurdex injection, SFCT decreased significantly and the improvement in

visual acuity was correlated with the decrease in SFCT.

Andreoli *et al* (see page 1550)

This longitudinal analysis of a large cohort of uveal melanoma patients reveals trends in tumor characteristics and patient demographics. Additionally, multiple variables were identified that correlated with survival, which will assist in prognostic counseling.

Fausser *et al* (see page 1554)

A model of the pharmacokinetics of ranibizumab determined in aqueous humor from patients with neovascular age-related macular degeneration predicts elimination halftimes of ca. 3.5 days and suggests the possibility to anticipate individual suppression times.

Krezel *et al* (see page 1560)

In a systematic search of clinical age-related macular degeneration trials, a small proportion included patient-related outcome measures and a variety of quality of life instruments were used.

Mireskandari *et al* (see page 1565)

Paediatric ophthalmological examinations carried out under sedation are safe and generate significant cost savings from a societal perspective.

Chang *et al* (see page 1571)

Carbonic anhydrase 1 and alcohol dehydrogenase 1B could be putative new autoantigens in thyroid orbitopathy and Graves' disease

Hayashi *et al* (see page 1577)

12 different genetic variants, 2 of which were novel, were found in a study of 16 Japanese patients with Best's vitelliform macular dystrophy and some affected and unaffected family members.

Isomura *et al* (see page 1583)

Owl's eye cells appeared after in vitro cytomegalovirus infection of human corneal endothelial cells, and in these cells viral antigens were efficiently expressed and cytoplasmic viral particles were detected by an electron microscope.